吉嘉®

直驱马达产品目录

CATALOGUE OF DIRECT DRIVE MOTORS

Catalog No. CN/EN-24--

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目录
CONTENTS

GDE 系列技术参数 /GDE Series Technical Paracel	02-04
GDI 系列技术参数 /GDI Series Technical Paracel	05-07
GDE 系列尺寸图纸 /GDE Series Drawing	08-21
GDI 系列尺寸图纸 /GDI Series Drawing	22-34

■订购代码 /ORDERING CODE

GDI	-	380	230	-	W1	-	M1	-	C1
系列 Series		马达外径 Diameters	马达高度 Height		出线方向 Outline Direction		绕组接线 Winding Connection		冷却模式 Cooling Mode
GDE：外转子马达 GDE:Outer Rotor Motor					W1：侧面出线 W1:Side Way		空白：串联 Blank:Series		空白：自然冷却 Blank:Natural Cooling
GDI：内转子马达 GDI:Inner Rotor Motor					W2：底部出线 W2:Bottom Way		M1：双路并联 M1:Dual Parallel		C1: 水冷 C1：Water Cooling
							M2：四路并联 M2：Four Parallel		

■ GDE 系列技术参数 /GDE Series Technical Parameter

项目 Item / 型号 Model	连续转矩 Continuous torque	连续电流 Continuous current	最大转矩 Max torque	最大电流 Max current	转矩常数 Torque constant	电阻（ptp) Resistance (ptp)	电感（ptp) Inductance (ptp)
	N.m	A rms	N.m	A rms	Nm/A rms	Ω(25℃)	mH(25℃)
GDE-040036-W1	0.14	1.5	0.41	4.6	0.09	-	-
GDE-112065-W1	3.0	2.5	9	7.5	1.2	2.2	1.8
GDE-112095-W1	6.0	2.5	18	7.5	2.4	4.2	3.2
GDE-140050-W1	6.0	2.5	16	7	2.4	4.5	6.6
GDE-140080-W1	10.5	2.5	28	7	4.2	6.6	5.7
GDE-170050-W1	4.5	1.4	14.0	4.2	3.4	6.0	7.6
GDE-170095-W1	23.8	2.5	71	7.5	9.5	2.52	5.4
GDE-170110-W1	23.8	2.5	71	7.5	9.5	9.4	17.9
GDE-170125-W1	41.8	2.5	125	7.5	16.7	3.96	32.0
GDE-170130-W1	41.8	2.5	125	7.5	16.7	14.4	34.7
GDE-170155-W1	59.5	2.5	179	7.5	23.8	5.22	10.0
GDE-190100-W1	20.0	3	60	9	6.7	9.4	17.9
GDE-220062-W1	10.2	3.0	30.6	9	3.4	13.6	7.8
GDE-224042-W1	14.1	2.2	42.2	6.6	6.4	8.4	15.5
GDE-224062-W1	35.0	2.2	105.0	6.6	15.7	13.2	36.5
GDE-263065-W1	45.0	7.1	135	21.3	6.3	1.7	5.0
GDE-263095-W1	45.0	7.1	135	21.3	6.3	2.3	5.0
GDE-263095-W2	45.0	7.1	135	21.3	6.3	2.3	5.0
GDE-263112-W1	95.0	7.1	190	14.2	13.4	3.4	10.8
GDE-263113-W2	95.0	7.1	190	14.2	13.4	3.4	10.8
GDE-263138-W1	150.0	7.1	300.0	14.2	21.9	4.2	13.9
GDE-263138-W2	150.0	7.1	300.0	14.2	21.9	4.2	13.9
GDE-263188-W2	250.0	7.1	500	14.2	35.2	6.7	22.8
GDE-280145-W1	95.0	7.1	190	14.2	13.4	3.4	10.8
GDE-280170-W1	95.0	7.1	190	14.2	13.4	3.4	10.8
GDE-280231-W1	250.0	7.1	500	14.2	35.2	6.7	22.8
GDE-325065-W1	30.0	1.1	90.0	3.4	27.3	18.6	42.4

■ GDE 系列技术参数 /GDE Series Technical Parameter

项目 Item / 型号 Model	极数 Number of poles	反电势常数（ptp) Back EMF constant (ptp)	最大额定功耗 Max rated power consumption	电机常数 Motor constant	转动惯量 Moment of inertia	工作电压 Operating voltage
		Vrms/rad/s	W(25℃)	Nm/ √ W	$Kg.m^2$	V AC
GDE-112065-W1	28	1.0	26.3	0.6	0.0026	220
GDE-112095-W1	28	2.1	50.1	0.8	0.0035	220
GDE-140050-W1	28	2.0	53.7	0.8	0.0045	220
GDE-140080-W1	28	3.4	78.8	1.2	0.0076	220
GDE-170050-W1	30	2.8	22.5	0.9	0.0068	220
GDE-170095-W1	30	7.8	30.1	4.3	0.018	220
GDE-170110-W1	30	7.8	112.2	2.2	0.023	220
GDE-170125-W1	30	13.6	47.3	6.1	0.028	220
GDE-170130-W1	30	13.6	171.9	3.2	0.032	220
GDE-170155-W1	30	19.4	62.3	7.5	0.037	220
GDE-190100-W1	40	5.5	161.5	1.6	0.018	220
GDE-220062-W1	40	2.8	233.7	5.6	0.032	220
GDE-224042-W1	40	5.2	77.6	2.6	0.012	220
GDE-224062-W1	40	12.8	122.0	5.6	0.03	220
GDE-263065-W1	40	5.2	163.6	7.9	0.06	220
GDE-263095-W1	40	5.2	221.4	7.9	0.076	220
GDE-263095-W2	40	5.2	221.4	7.9	0.076	220
GDE-263112-W1	40	10.9	327.3	3.0	0.13	220
GDE-263113-W2	40	10.9	327.3	3.0	0.13	220
GDE-263138-W1	40	17.9	404.3	7.9	0.15	220
GDE-263138-W2	40	17.9	404.3	7.9	0.15	220
GDE-263188-W2	40	28.7	644.9	7.9	0.21	220
GDE-280145-W1	40	10.9	327.3	3.0	0.13	220
GDE-280170-W1	40	10.9	327.3	3.0	0.15	220
GDE-280231-W1	40	28.7	644.9	7.9	0.27	220
GDE-325065-W1	50	22.3	43	4.6	0.12	220

项目 Item / 型号 Model	极数 Number of poles	反电势常数（ptp) Back EMF constant (ptp)	最大额定功耗 Max rated power consumption	电机常数 Motor constant	转动惯量 Moment of inertia	工作电压 Operating voltage
		Vrms/rad/s	W(25℃)	Nm/ √ W	$Kg.m^2$	V DC
GDE-040036-W1	20	0.1	-	0.1	0.013	24

■ GDE 系列技术参数 /GDE Series Technical Parameter

项目 Item / 型号 Model	电机重量 Motor weight	最高转速 Max speed	定位精度 Positioning accuracy	重复精度 Repeatability	分辨率 Resolution	最大轴向载荷 Max Axial Load	最大径向载荷 Max Radial load	轴向偏摆 Axial deflection	径向偏摆 Radial deflection
	Kg	rpm	Arc sec	Arc sec	sin/cos	N	N.m	mm	mm
GDE-112065-W1	2.7	350	±20	±1.5	8192	2500	20	0.005	0.005
GDE-112095-W1	5	250	±20	±1.5	8192	2500	20	0.005	0.005
GDE-140050-W1	3.4	600	±20	±1.5	8192	2500	20	0.005	0.005
GDE-140080-W1	5.6	350	±20	±1.5	8192	2500	20	0.005	0.005
GDE-170050-W1	3.9	450	±20	±1.5	11740	4000	40	0.005	0.005
GDE-170095-W1	9.5	190	±20	±1.5	11740	15000	150	0.005	0.005
GDE-170110-W1	10.5	190	±20	±1.5	11740	15000	150	0.005	0.005
GDE-170125-W1	13.5	150	±20	±1.5	11740	15000	150	0.005	0.005
GDE-170130-W1	14.2	150	±20	±1.5	11740	15000	150	0.005	0.005
GDE-170155-W1	17.6	120	±20	±1.5	11740	15000	150	0.005	0.005
GDE-190100-W1	8.7	200	±20	±1.5	11740	6000	60	0.002	0.002
GDE-220062-W1	8.9	320	±20	±1.5	16384	5000	100	0.005	0.005
GDE-224042-W1	5.5	380	±20	±1.5	11740	8000	80	0.005	0.005
GDE-224062-W1	9.2	200	±20	±1.5	16384	10000	100	0.005	0.005
GDE-263065-W1	13.1	200	±20	±1.5	16384	5000	100	0.005	0.005
GDE-263095-W1	18.5	200	±20	±1.5	16384	40000	400	0.005	0.005
GDE-263095-W2	18.5	200	±20	±1.5	16384	40000	400	0.005	0.005
GDE-263112-W1	23.7	150	±20	±1.5	16384	40000	400	0.005	0.005
GDE-263113-W2	23.7	150	±20	±1.5	16384	40000	400	0.005	0.005
GDE-263138-W1	35	120	±20	±1.5	16384	40000	400	0.005	0.005
GDE-263138-W2	35	120	±20	±1.5	16384	40000	400	0.005	0.005
GDE-263188-W2	48	100	±20	±1.5	16384	40000	400	0.005	0.005
GDE-280145-W1	27.3	150	±20	±1.5	16384	40000	400	0.005	0.005
GDE-280170-W1	31.5	150	±20	±1.5	16384	40000	400	0.005	0.005
GDE-280231-W1	56.6	100	±20	±1.5	16384	40000	400	0.005	0.005
GDE-325065-W1	15.5	120	±20	±1.5	31488	50000	300	0.008	0.008

项目 Item / 型号 Model	电机重量 Motor weight	最高转速 Max speed	定位精度 Positioning accuracy	重复精度 Repeatability	分辨率 Resolution	最大轴向载荷 Max Axial Load	最大径向载荷 Max Radial load	轴向偏摆 Axial deflection	径向偏摆 Radial deflection
	Kg	rpm	Arc sec	Arc sec	Bit	N	N.m	mm	mm
GDE-040036-W1	0.15	500	-	±5	23	50	-	0.02	0.02

■ GDI 系列技术参数 /GDI Series Technical Parameter

项目 Item / 型号 Model	连续转矩 Continuous torque	连续电流 Continuous current	最大转矩 Max torque	最大电流 Max current	转矩常数 Torque constant	电阻（ptp) Resistance (ptp)	电感（ptp) Inductance (ptp)
	N.m	A rms	N.m	A rms	Nm/A rms	Ω(25℃)	mH(25℃)
GDI-062060-W1	0.3	2.4	0.9	7.2	0.12	1.2	1
GDI-080050-W2	0.6	3.2	1.9	9.6	0.2	1.2	1
GDI-080067-W1	1	3.2	3	9.6	0.31	1.5	1.8
GDI-100035-W1	1.0	1.5	3	4.5	0.67	6.8	4.3
GDI-120050-W1	3.5	1.2	10.5	3.5	3.0	27.6	18.7
GDI-140129-W2	18.0	5	47	13	3.6	5.3	9.3
GDI-140189-W2	40.0	5	104	13	8	15.8	21.9
GDI-170050-W1	5.4	3	16	9	1.8	4.3	6.1
GDI-170075-W1	16.8	3.5	50	10.5	4.8	11.7	16.3
GDI-180055-W1	14.0	4.5	42	13.5	3.1	2.4	7.6
GDI-180095-W1	25.2	4.5	76	13.5	5.6	4.1	14
GDI-180125-W1	40.1	4.5	120	13.5	8.9	6.4	20
GDI-220123-W1	50.6	5.5	152	16.5	9.2	3.2	10.5
GDI-220168-W1	87.4	11.5	266	35	7.6	2.6	8.4
GDI-220208-W1	115.0	11.5	350	35	10	2.6	8.4
GDI-224042-W1	9.9	2.3	30	7	4.3	22.5	12
GDI-375200-W1	300	5.5	900	16.5	54.6	-	-
GDI-390245-W1	300.0	16	1406	75	18.75	1.1	3.5
GDI-408077-W1	150.9	4.3	463.3	13.2	35.1	5.6	31.2
GDI-408102-W2	270.0	6.0	675.0	15	45.0	10.1	56.2
GDI-408165-W2	500.5	8.6	1501.6	25.8	58.2	4.2	26.0
GDI-408181-W1	500.5	8.6	1501.6	25.8	58.2	3.3	18.4
GDI-660180-W1	1300	32.0	2500.0	64	41.0	-	-
GDI-660230-W1	1950.0	32.0	3600.0	64	41.0	-	-
GDI-670179-W1 -M2	1380.0	28.0	2400.0	50	40.0	0.8	13.0
GDI-380230-W1 -M1-C1	600.0	32	1406	75	18.8	5.2	7.1

■ GDI 系列技术参数 /GDI Series Technical Parameter

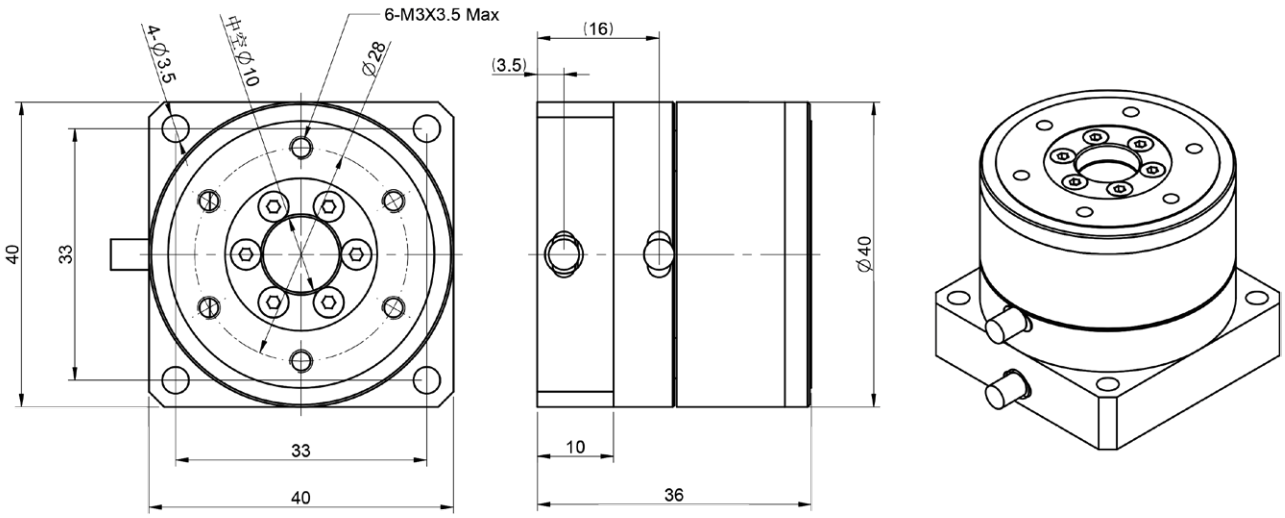
项目 Item / 型号 Model	极数 Number of poles	反电势常数（ptp) Back EMF constant (ptp)	最大额定功耗 Max rated power consumption	电机常数 Motor constant	转动惯量 Moment of inertia	工作电压 Operating voltage
		Vrms/rad/s	W(25℃)	Nm/ √ W	$Kg.m^2$	V AC
GDI-062060-W1	10	0.1	13.2	0.1	$6.5*10^{-5}$	220
GDI-080050-W2	10	0.2	23.5	0.1	$1.5*10^{-4}$	220
GDI-080067-W1	10	0.26	29.3	0.21	$2.2*10^{-4}$	220
GDI-100035-W1	20	0.55	29.2	0.2	4	220
GDI-120050-W1	20	2.4	69.7	0.4	0.0016	220
GDI-140129-W2	30	2.9	253.0	1.1	0.0027	220
GDI-140189-W2	30	6.5	754.3	1.5	0.0043	220
GDI-170050-W1	40	1.5	73.9	0.6	0.004	220
GDI-170075-W1	32	3.9	273.7	1.0	0.004	220
GDI-180055-W1	32	2.5	92.8	1.4	0.0039	220
GDI-180095-W1	32	4.6	158.5	2.0	0.008	220
GDI-180125-W1	32	7.3	247.5	2.5	0.01	220
GDI-220123-W1	40	8.3	184.8	3.7	0.034	220
GDI-220168-W1	40	6.3	656.6	3.4	0.036	220
GDI-220208-W1	40	6.3	656.6	4.5	0.058	380
GDI-224042-W1	40	3.5	227.3	0.7	0.0072	220
GDI-375200-W1	66	44.5	-	-	0.45	220
GDI-390245-W1	66	15.3	537.7	12.9	0.7	220
GDI-408077-W1	40	28.7	-	17.6	0.18	220
GDI-408102-W2	40	36.7	-	17.6	0.25	220
GDI-408165-W2	40	47.5	-	17.6	0.43	220
GDI-408181-W1	40	47.5	-	17.6	0.8	220
GDI-660180-W1	-	33.5	-	17.6	3.5	220
GDI-660230-W1	-	33.5	-	17.6	4.7	220
GDI-670179-W1 -M2	80	32.7	-	17.6	5	220
GDI-380230-W1 -M1-C1	60	15.3	10167.7	6.0	0.53	220

■ GDI 系列技术参数 /GDI Series Technical Parameter

项目 Item / 型号 Model	电机重量 Motor weight	最高转速 Max speed	定位精度 Positioning accuracy	重复精度 Repeatability	分辨率 Resolution	最大轴向载荷 Max Axial Load	最大径向载荷 Max Radial load	轴向偏摆 Axial deflection	径向偏摆 Radial deflection
	Kg	rpm	Arc sec	Arc sec	sin/cos	N	N.m	mm	mm
GDI-062060-W1	0.65	600	±30	±2.5	5000	50	-	0.03	0.03
GDI-080050-W2	1.2	600	±50	±2.5	5000	50	-	0.03	0.03
GDI-100035-W1	1.1	350	±50	±2.5	5000	50	-	0.02	-
GDI-120050-W1	2.3	350	±20	±1.5	11740	500	10	0.005	-
GDI-140129-W2	7.3	250	±20	±1.5	11740	5000	50	0.005	0.005
GDI-140189-W2	10.8	250	±20	±1.5	11740	5000	50	0.005	0.005
GDI-170050-W1	3.9	500	±20	±1.5	11740	2500	20	0.005	0.005
GDI-170075-W1	5.2	500	±20	±1.5	11740	2500	20	0.005	0.005
GDI-180055-W1	5.4	250	±20	±1.5	11740	2500	20	0.005	0.005
GDI-180095-W1	10.3	300	±20	±1.5	11740	4000	40	0.005	0.005
GDI-180125-W1	13	250	±20	±1.5	11740	2500	20	0.005	0.005
GDI-220123-W1	22.7	200	±20	±1.5	11740	8000	80	0.005	-
GDI-220168-W1	24.7	250	±20	±1.5	11740	8000	80	0.005	-
GDI-220208-W1	34.8	350	±20	±1.5	11740	8000	80	0.005	-
GDI-224042-W1	6.2	250	±20	±1.5	11740	2500	20	0.005	0.005
GDI-375200-W1	85	120	±30	±2.5	16384	50000	2000	0.01	0.01
GDI-390245-W1	138	150	±25	±1.5	18000	50000	2000	0.03	0.03
GDI-408077-W1	33.2	120	±20	±1.5	16384	40000	400	0.008	0.008
GDI-408102-W2	44.7	80	±15	±1.5	16384	40000	400	0.008	0.008
GDI-408165-W2	73.5	60	±15	±1.5	16384	15000	500	0.008	-
GDI-408181-W1	130	60	±20	±1.5	23600	15000	500	0.008	0.008
GDI-660180-W1	245	60	±30	±2.5	31488	100000	5000	0.02	-
GDI-660230-W1	328	60	±30	±2.5	31488	100000	5000	0.02	-
GDI-380230-W1 -M1-C1	109	150	±30	±2.5	2015232	15000	300	0.005	0.005

项目 Item / 型号 Model	电机重量 Motor weight	最高转速 Max speed	定位精度 Positioning accuracy	重复精度 Repeatability	分辨率 Resolution	最大轴向载荷 Max Axial Load	最大径向载荷 Max Radial load	轴向偏摆 Axial deflection	径向偏摆 Radial deflection
	Kg	rpm	Arc sec	Arc sec	bit	N	N.m	mm	mm
GDI-080067-W1	1.6	450	±50	±2.5	20	50	-	0.03	0.03
GDI-670179-W1 -M2	260	50	±20	±1.5	23	100000	5000	0.02	-

■ GDE-040036-W1



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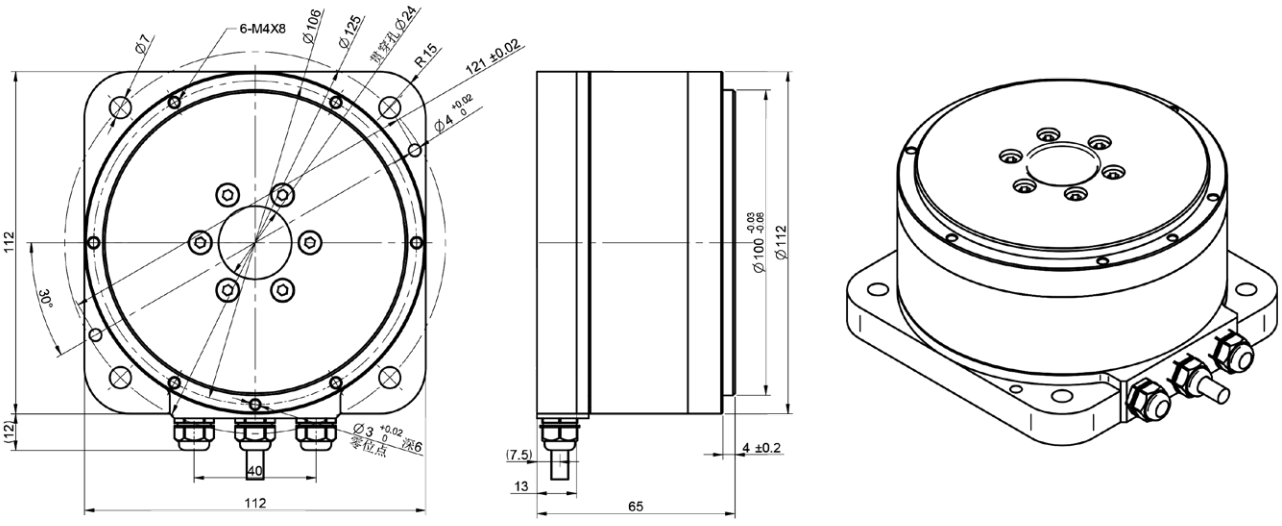

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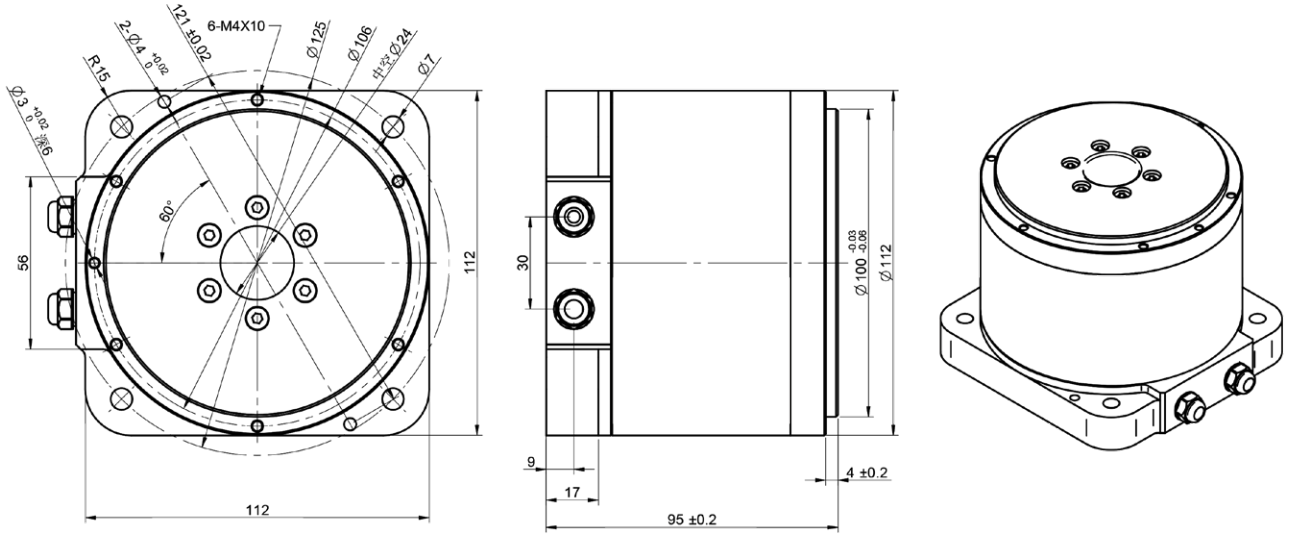

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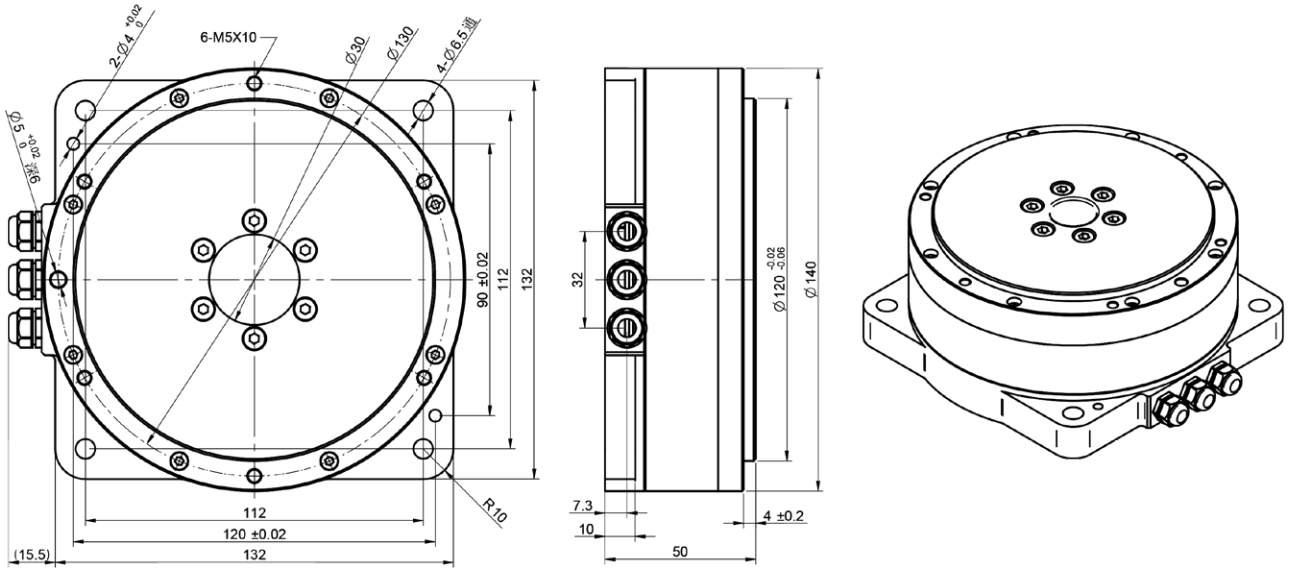
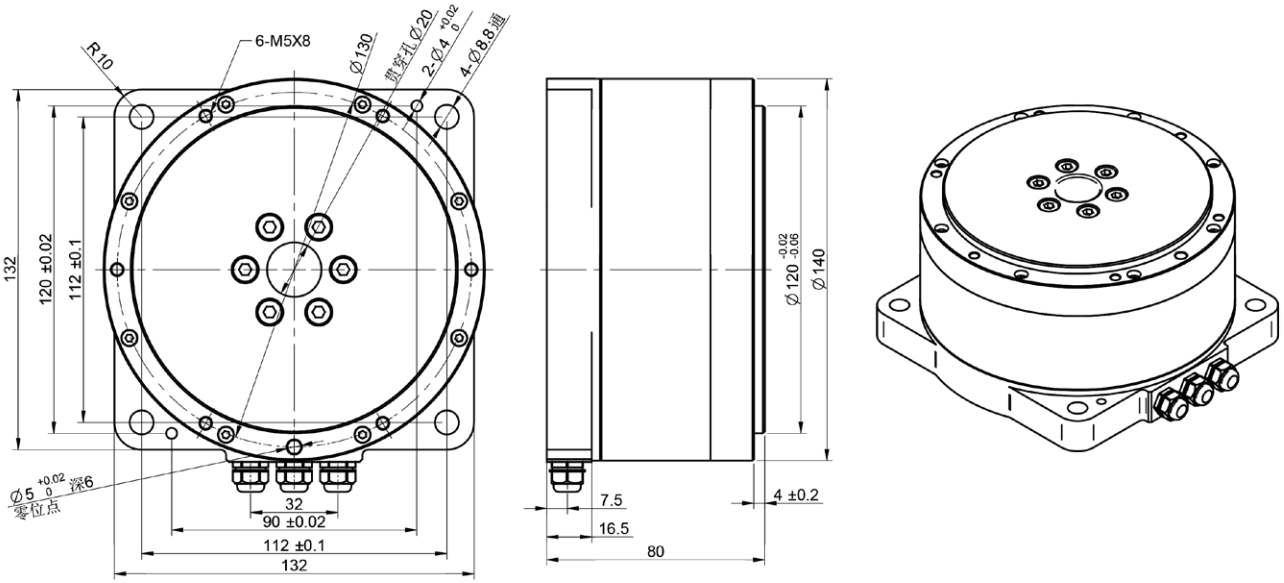
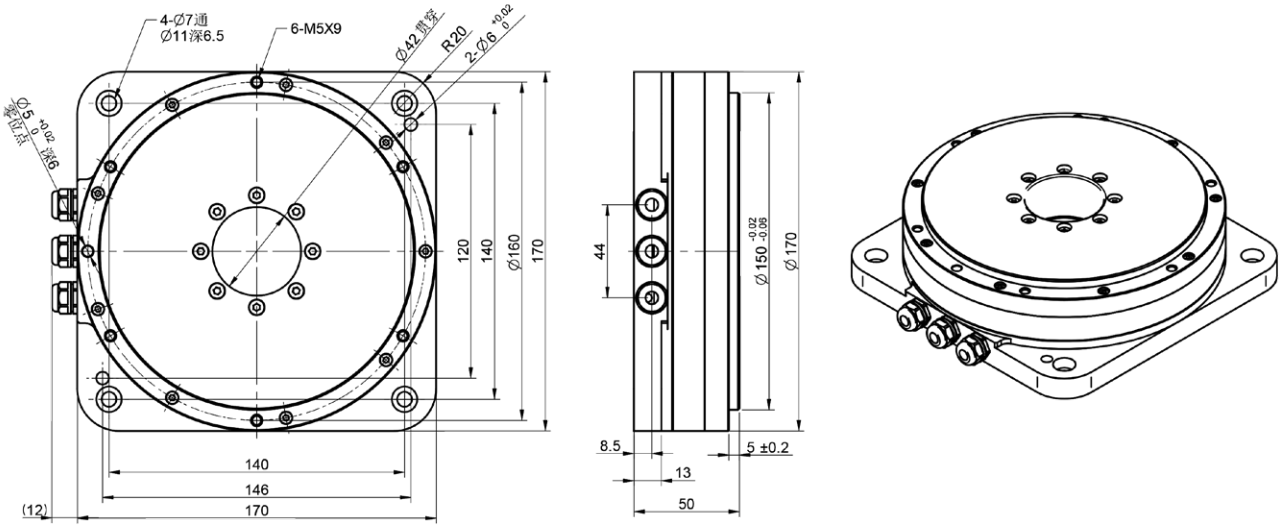


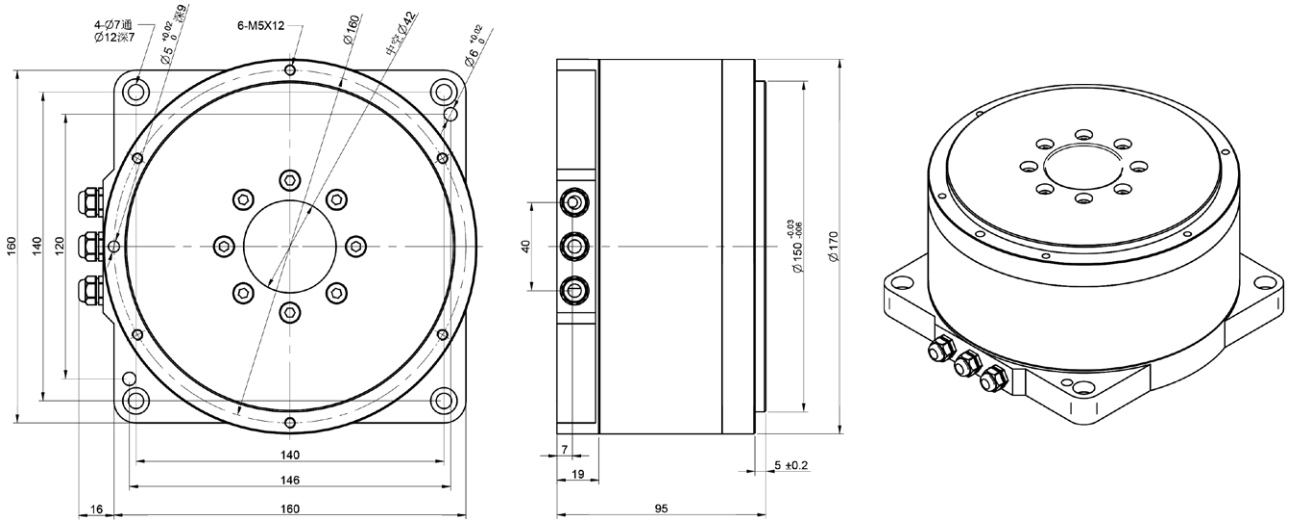
■ GDE-140080-W1



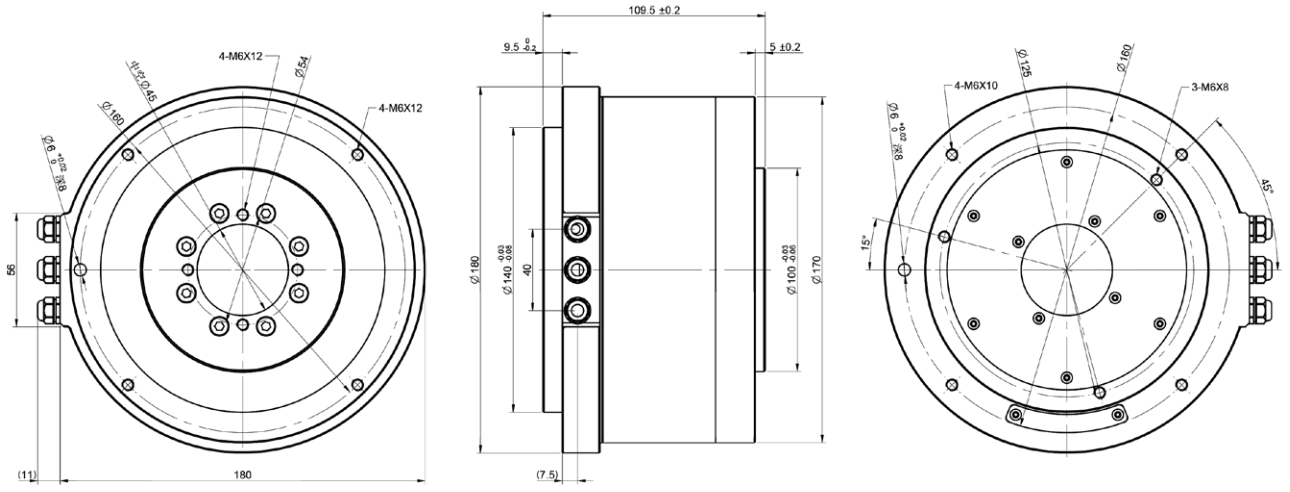
■ GDE-170050-W1



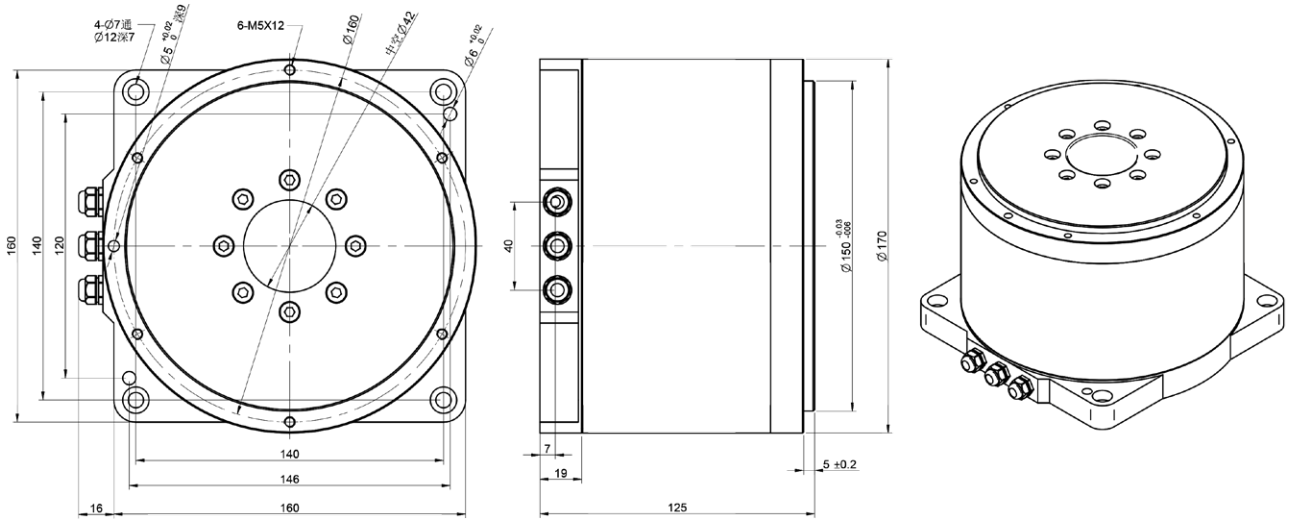
■ GDE-170095-W1



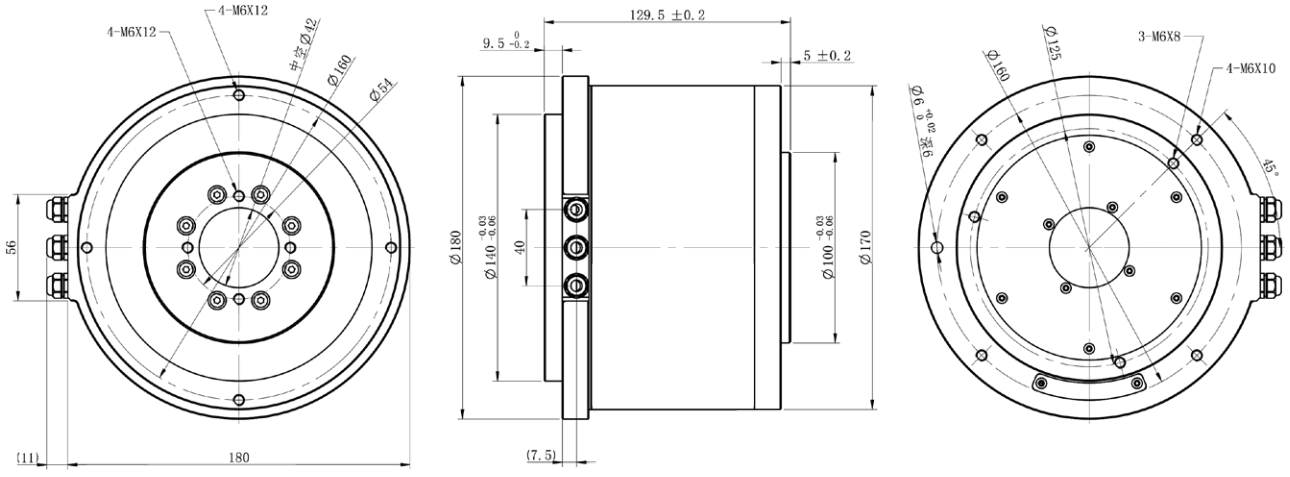
■ GDE-170110-W1



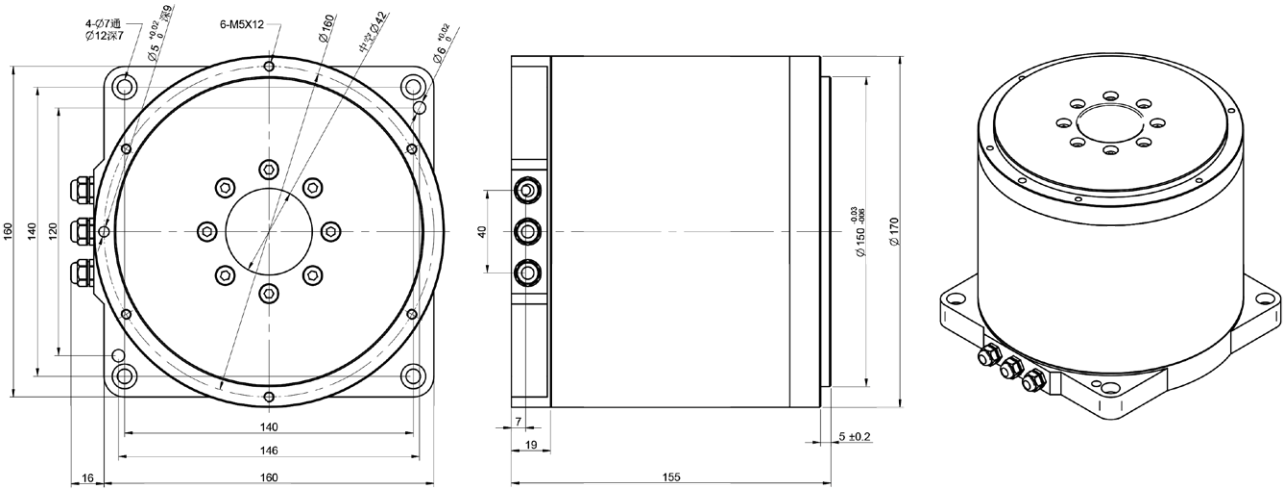
■ GDE-170125-W1



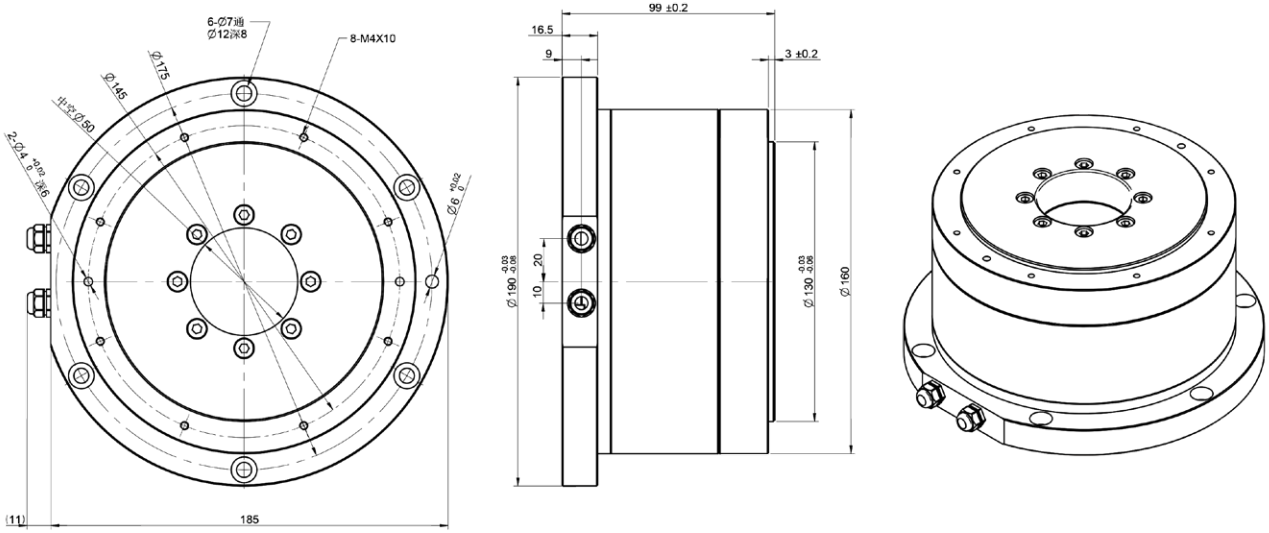
■ GDE-170130-W1



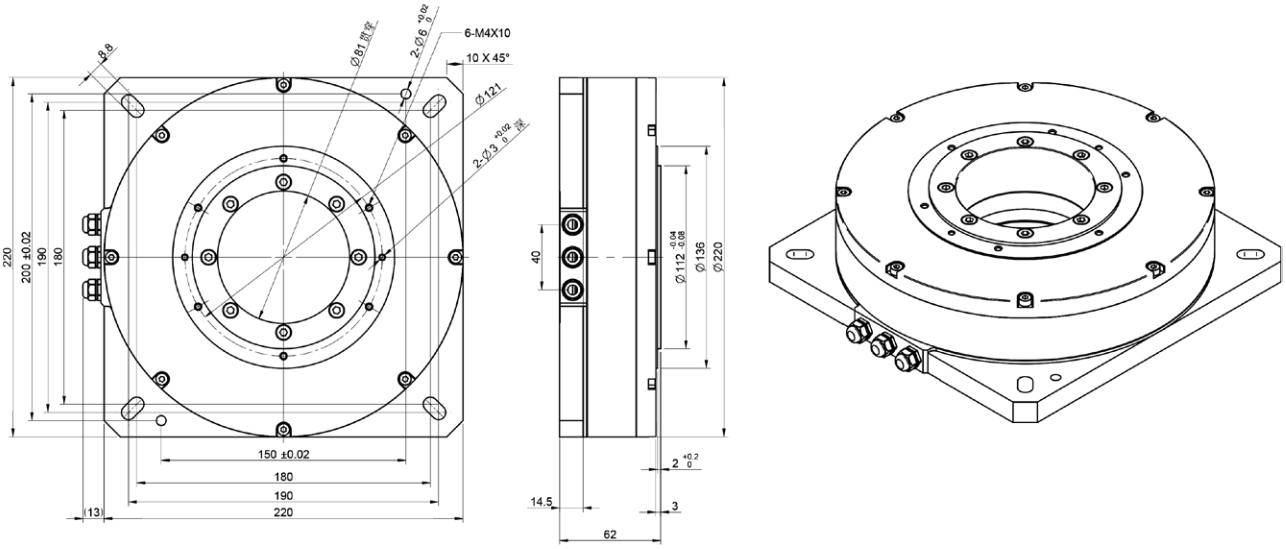
■ GDE-170155-W1



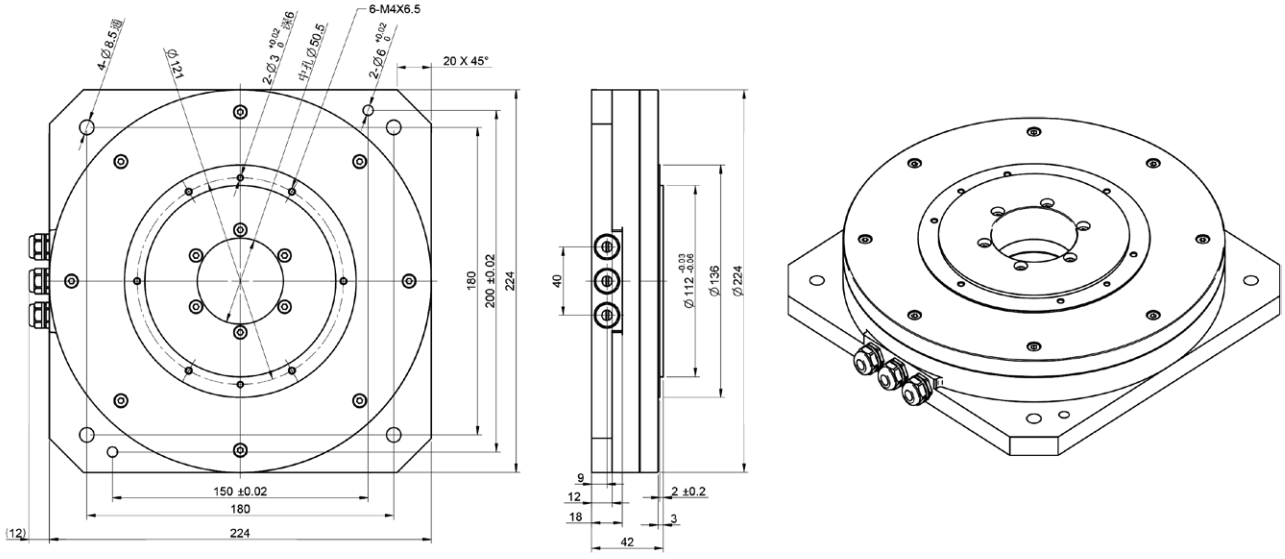
■ GDE-190100-W1



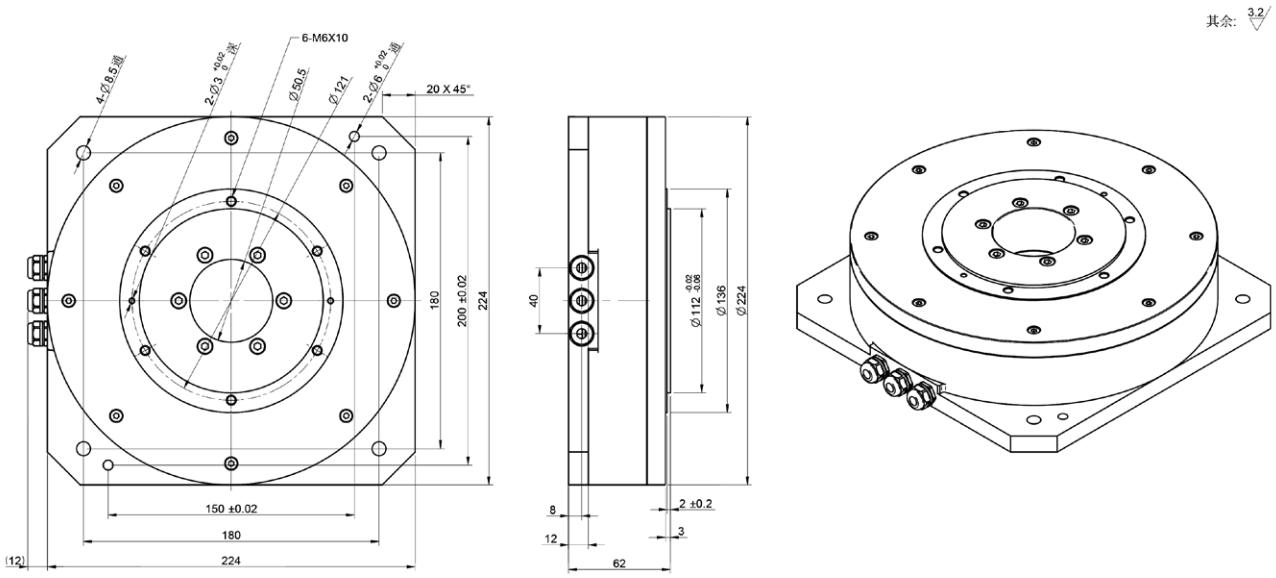
■ GDE-220062-W1



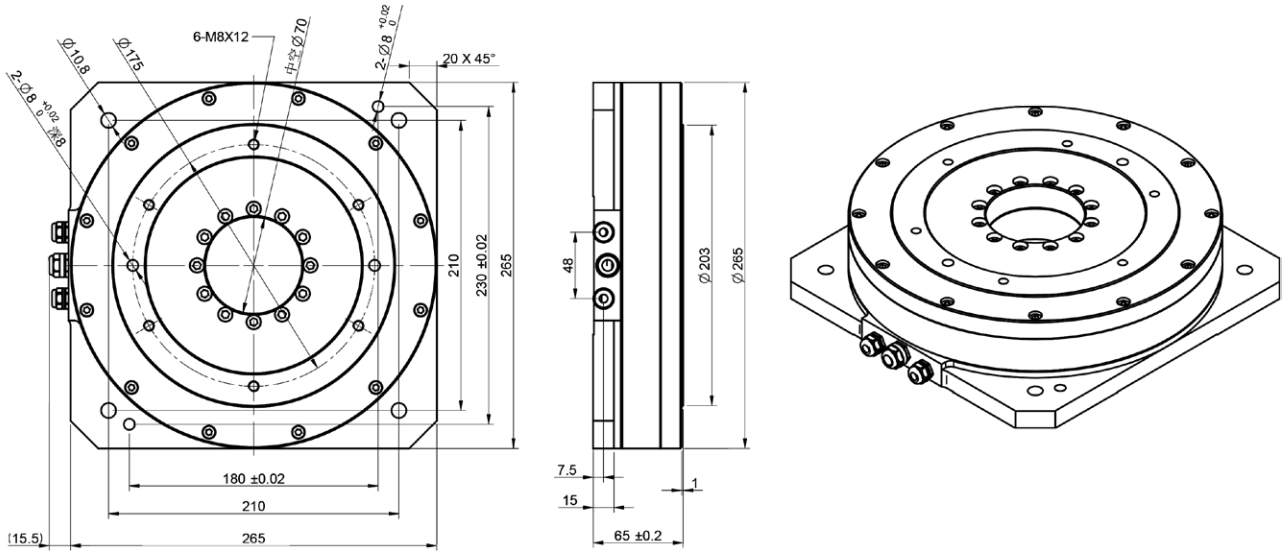
■ GDE-224042-W1



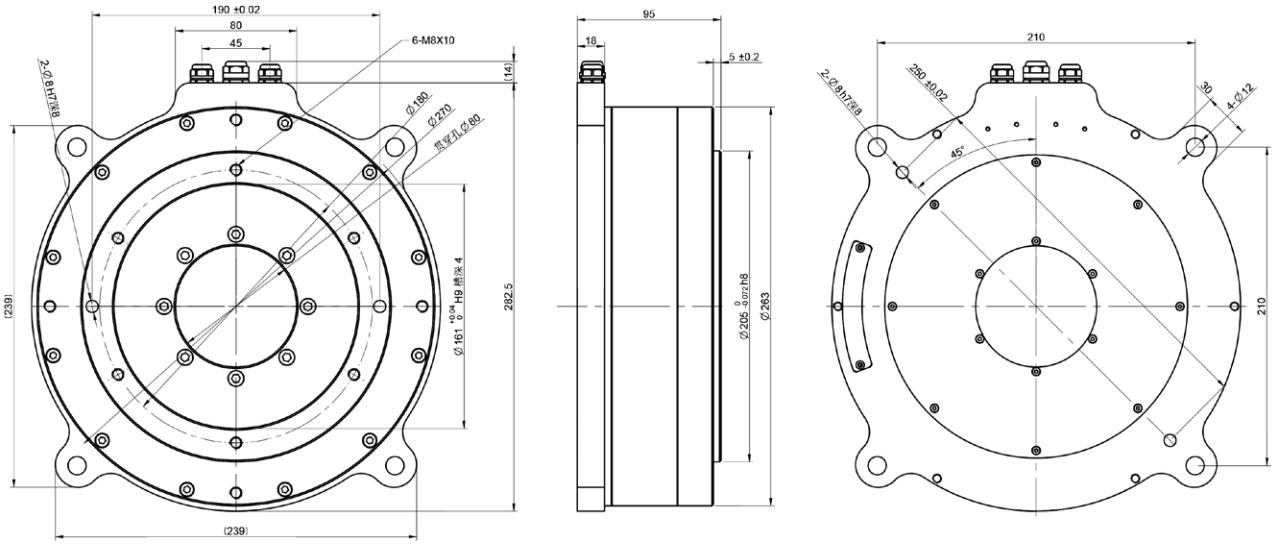
■ GDE-224062-W1



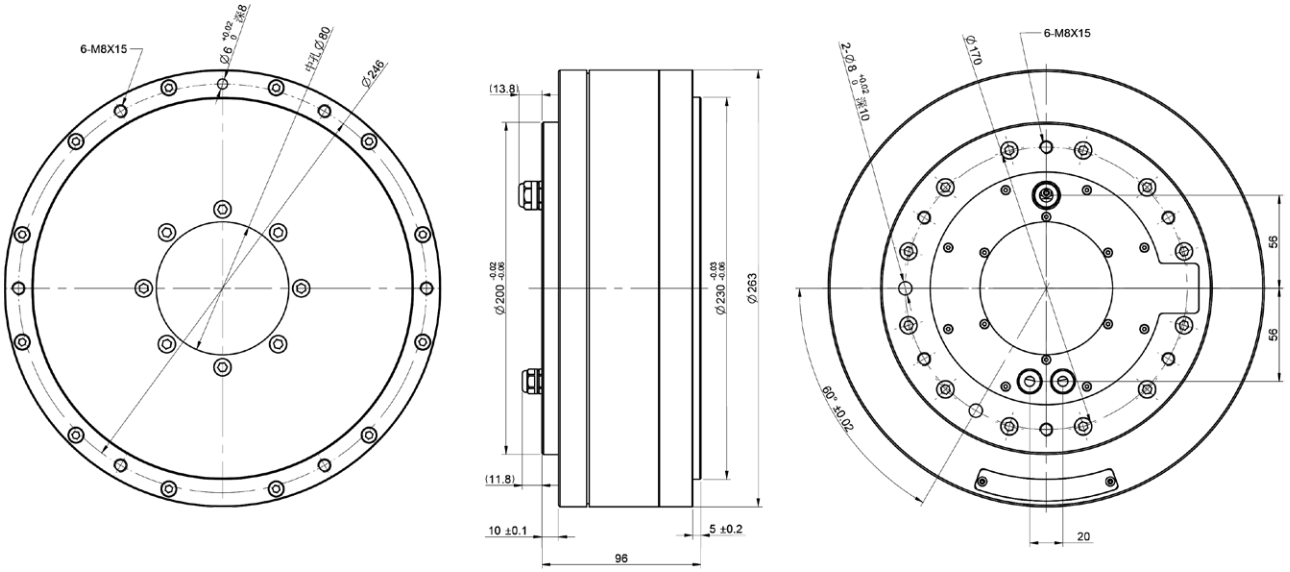
■ GDE-263065-W1



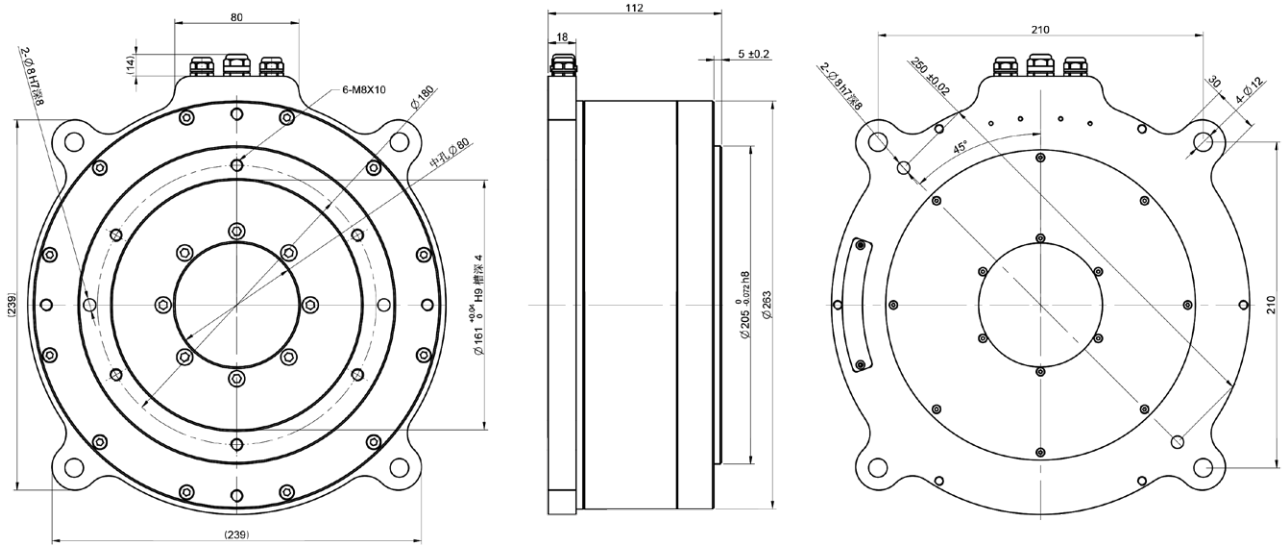
■ GDE-263095-W1



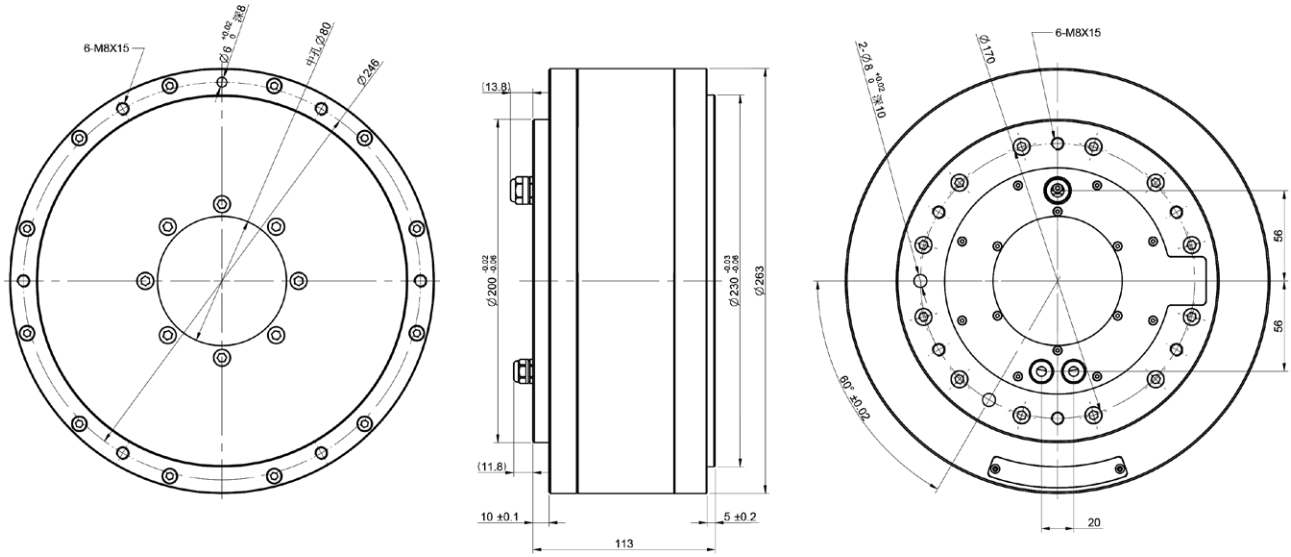
■ GDE-263095-W2



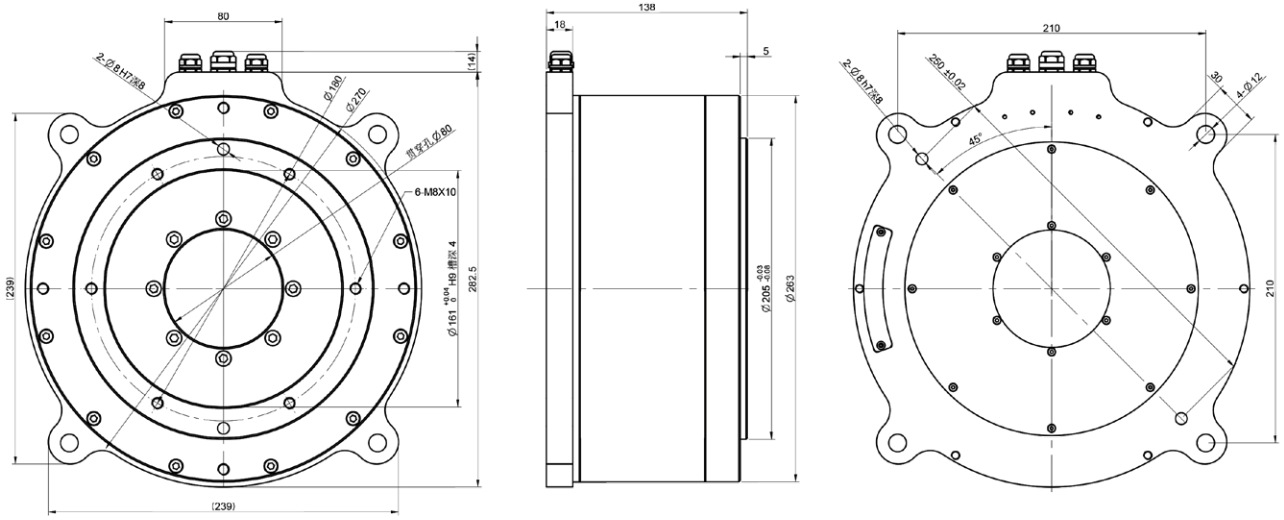
■ GDE-263112-W1



■ GDE-263113-W2



■ GDE-263138-W1



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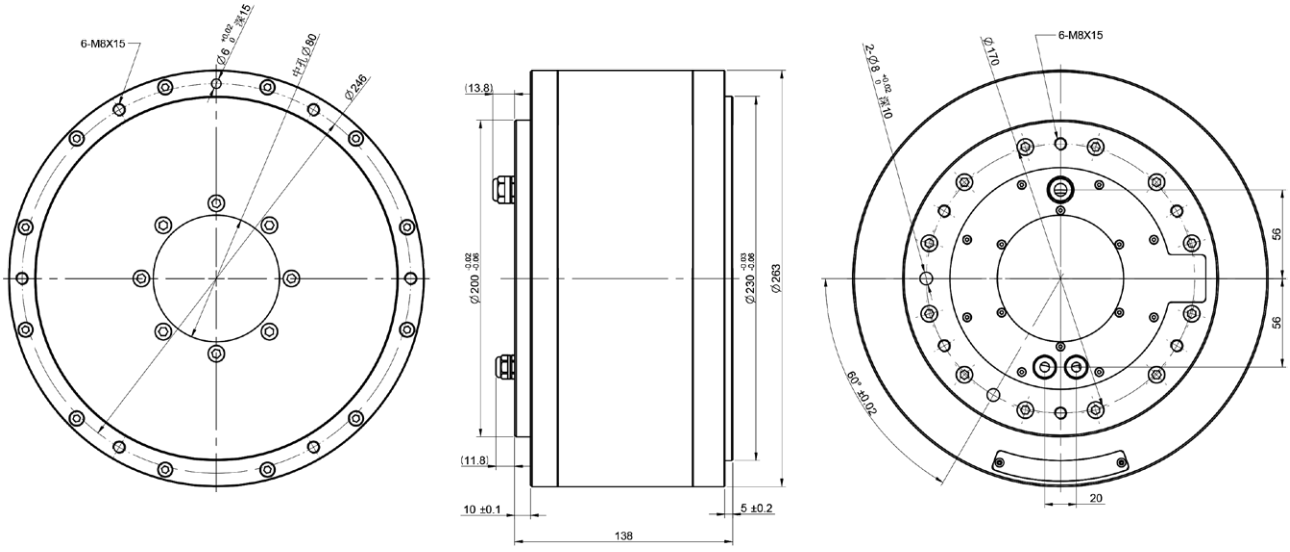
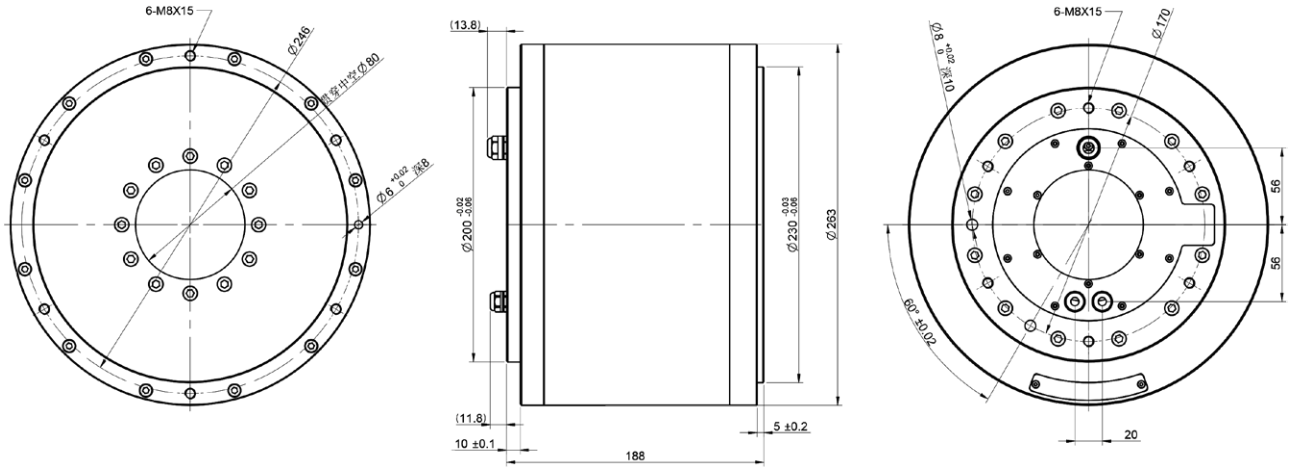
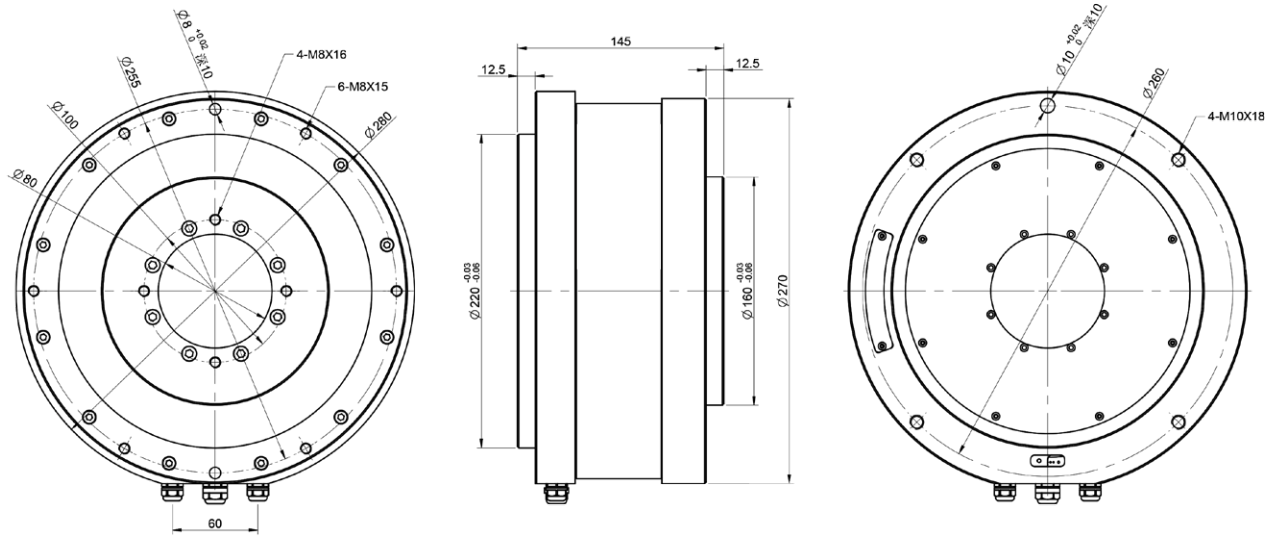


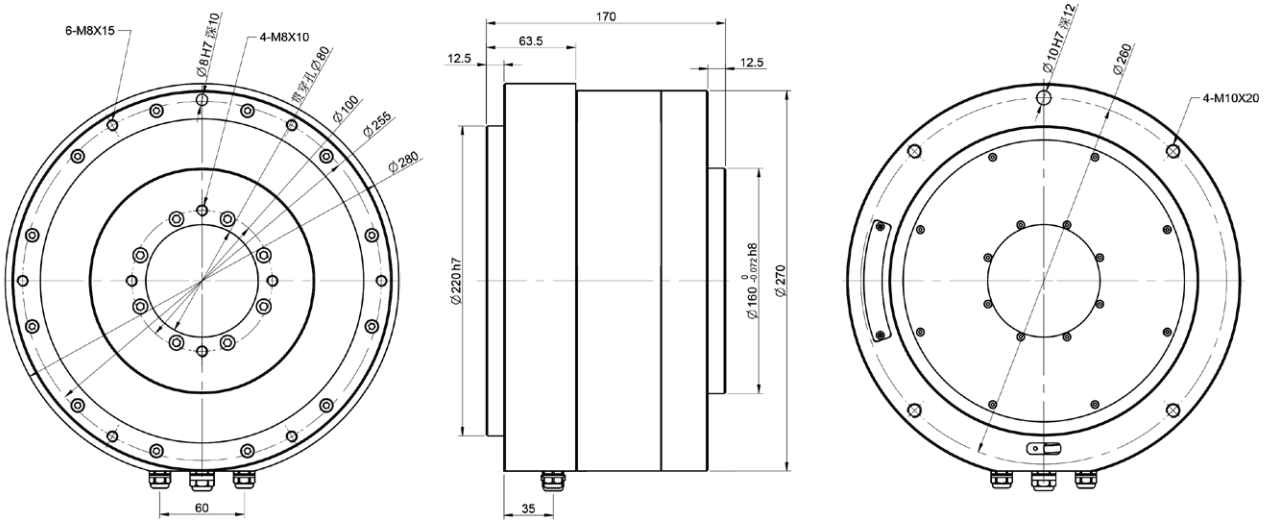
■ GDE-263188-W2



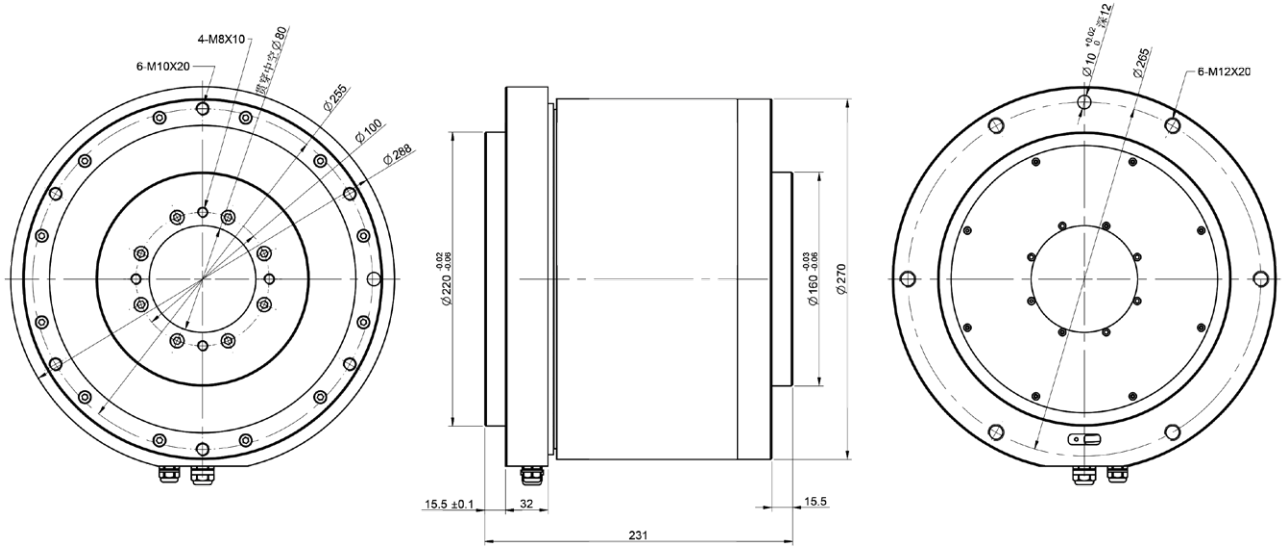
■ GDE-280145-W1



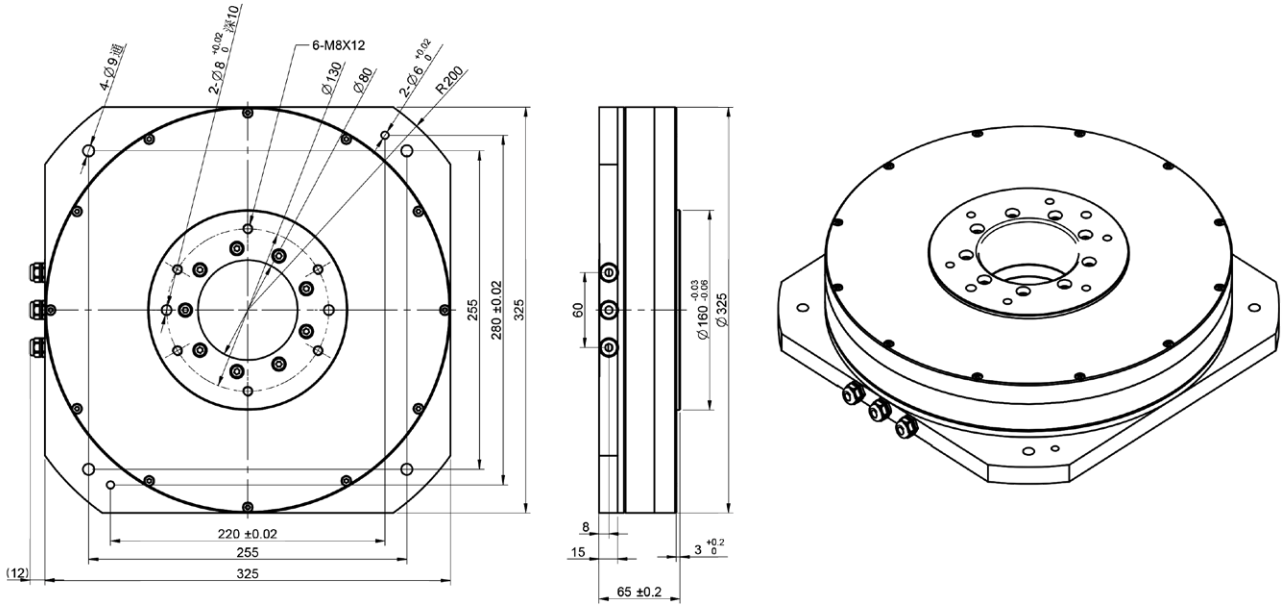
■ GDE-280170-W1



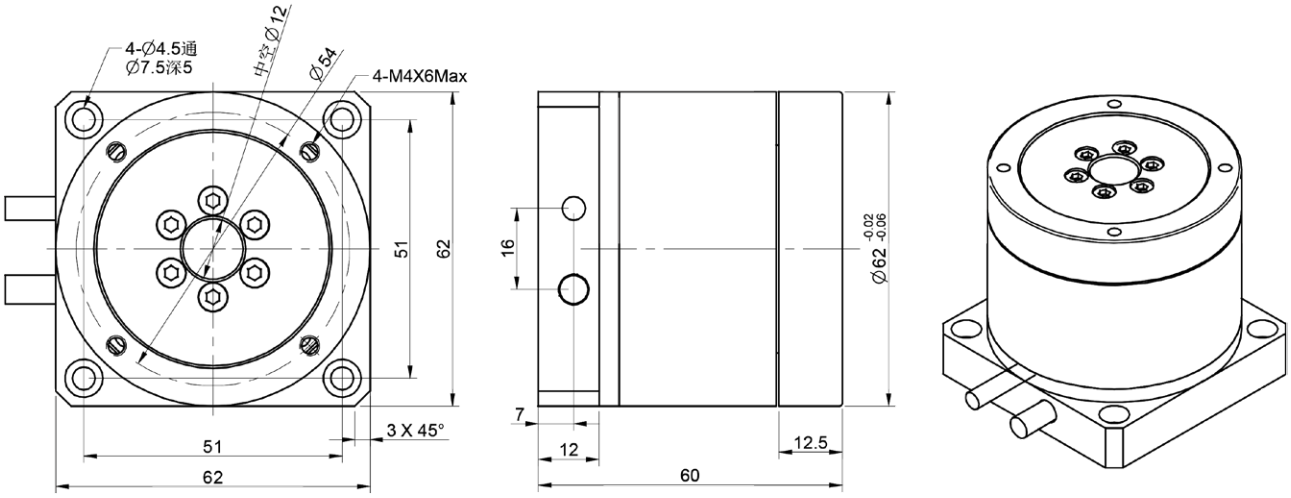
■ GDE-280231-W1



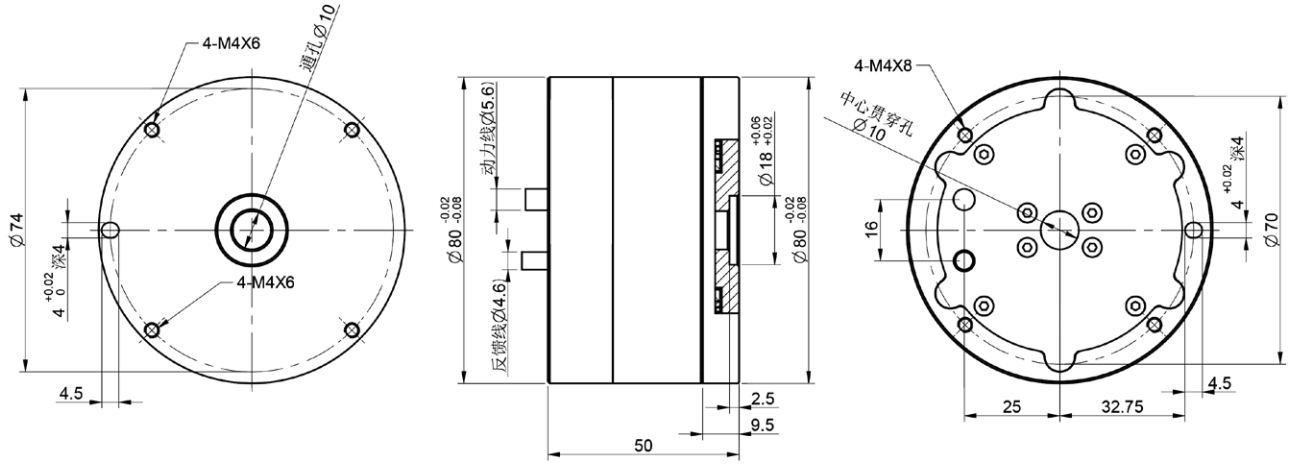
■ GDE-325065-W1



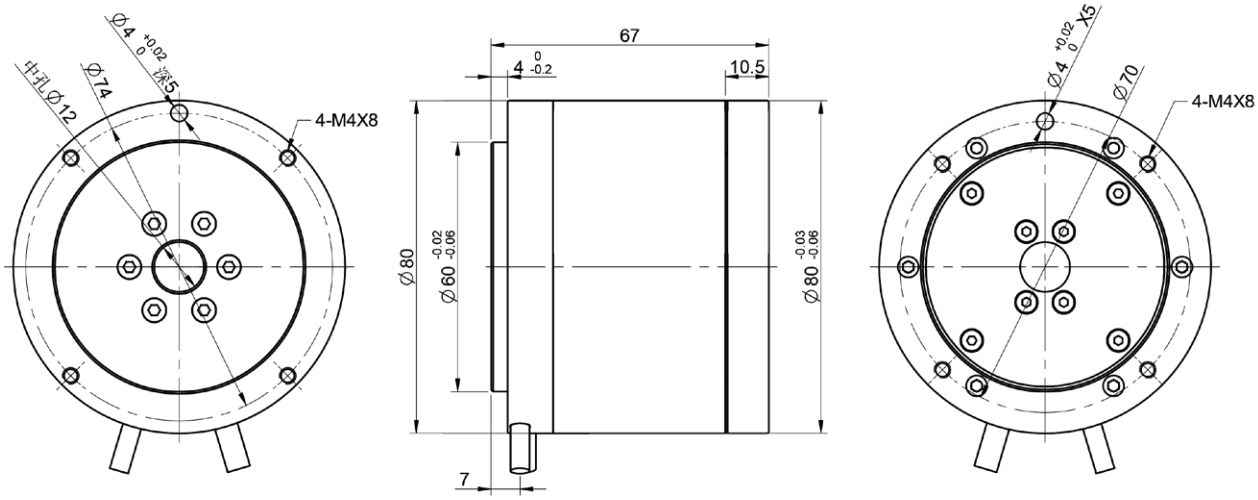
■ GDI-062060-W1



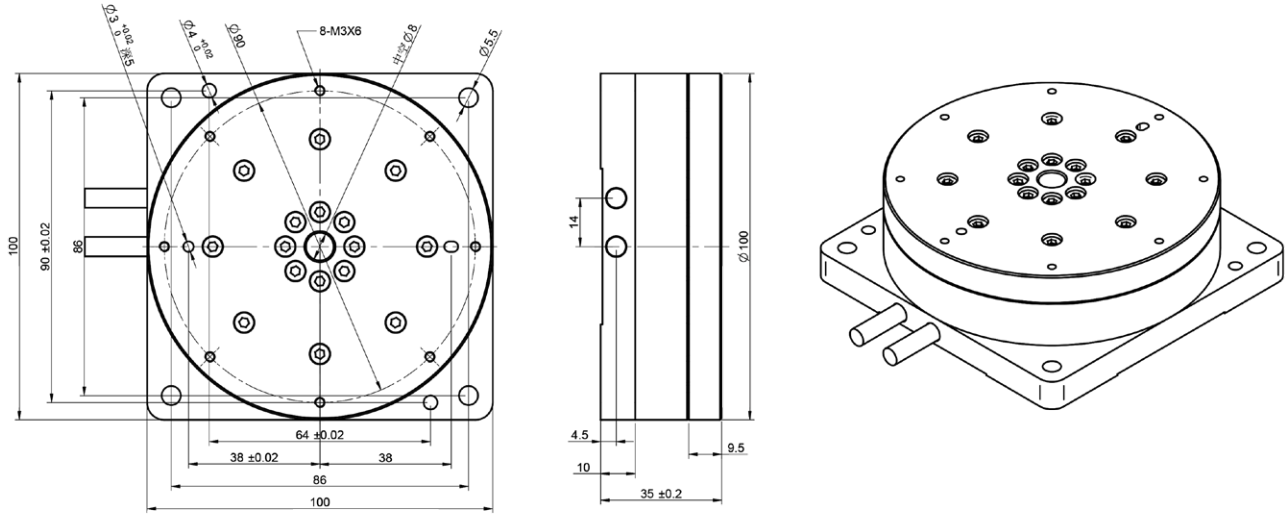
■ GDI-080050-W2



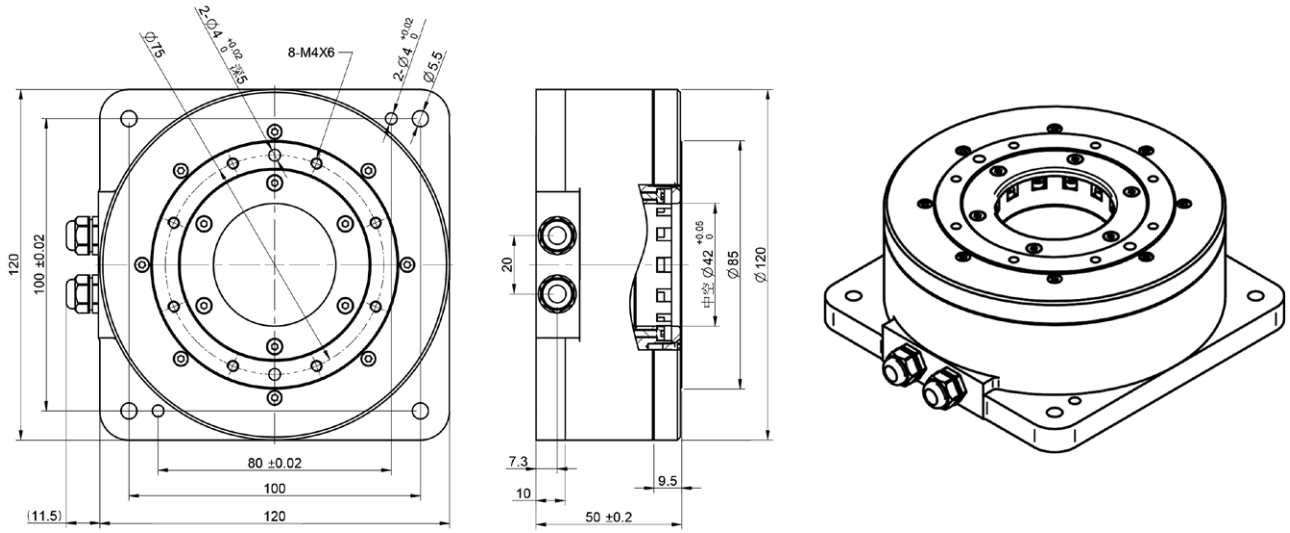
■ GDI-080067-W1



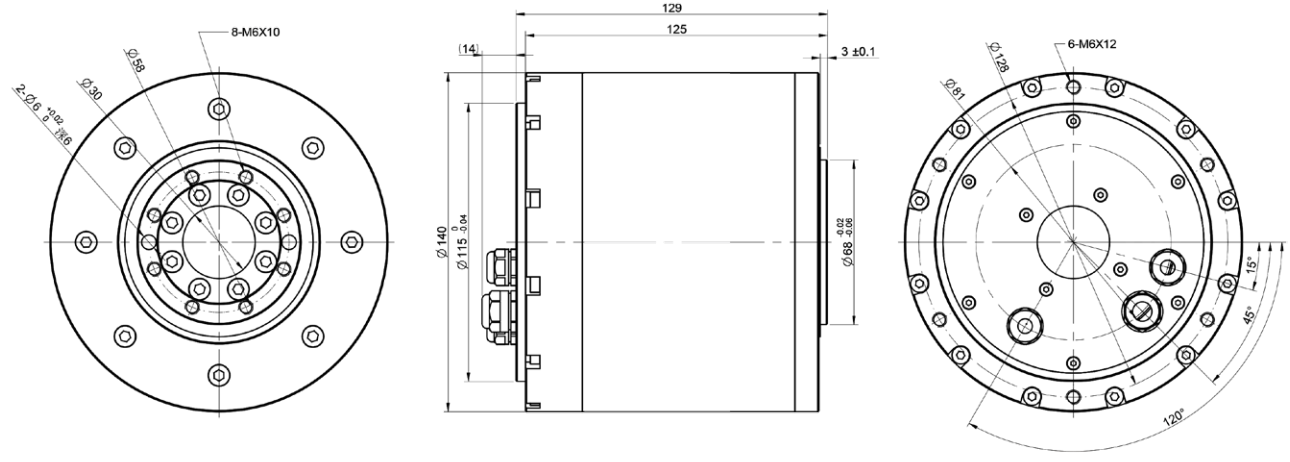
■ GDI-100035-W1



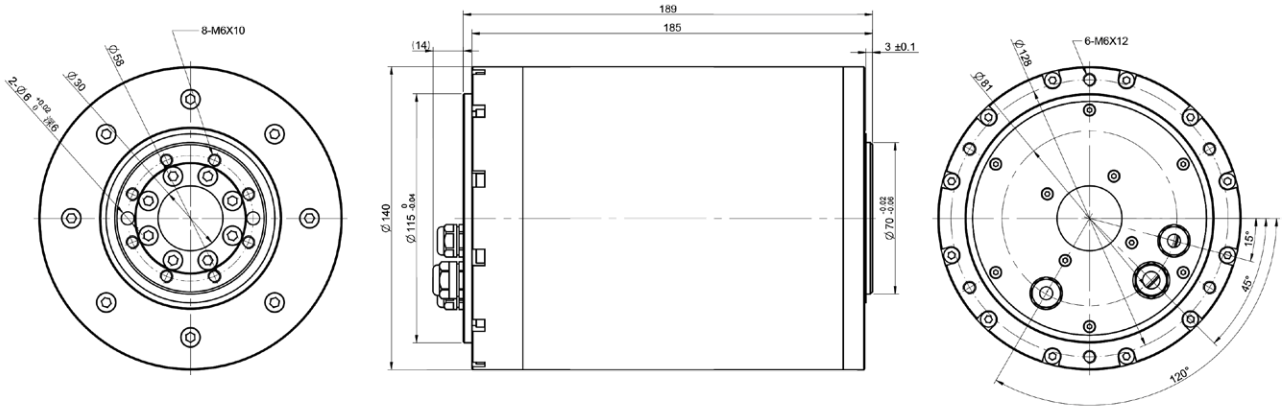
■ GDI-120050-W1



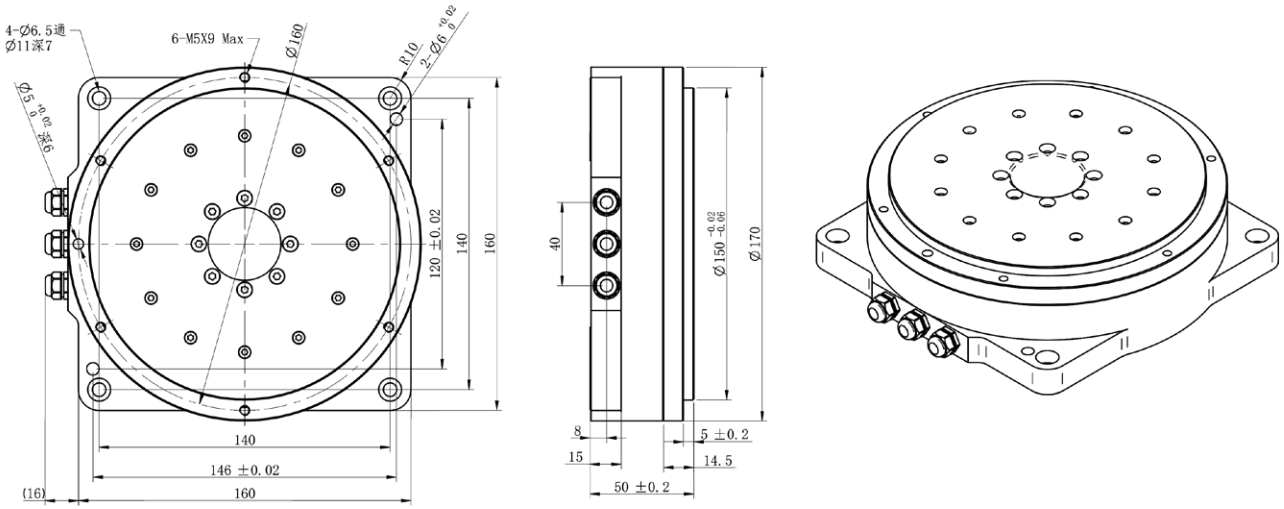
■ GDI-140129-W2



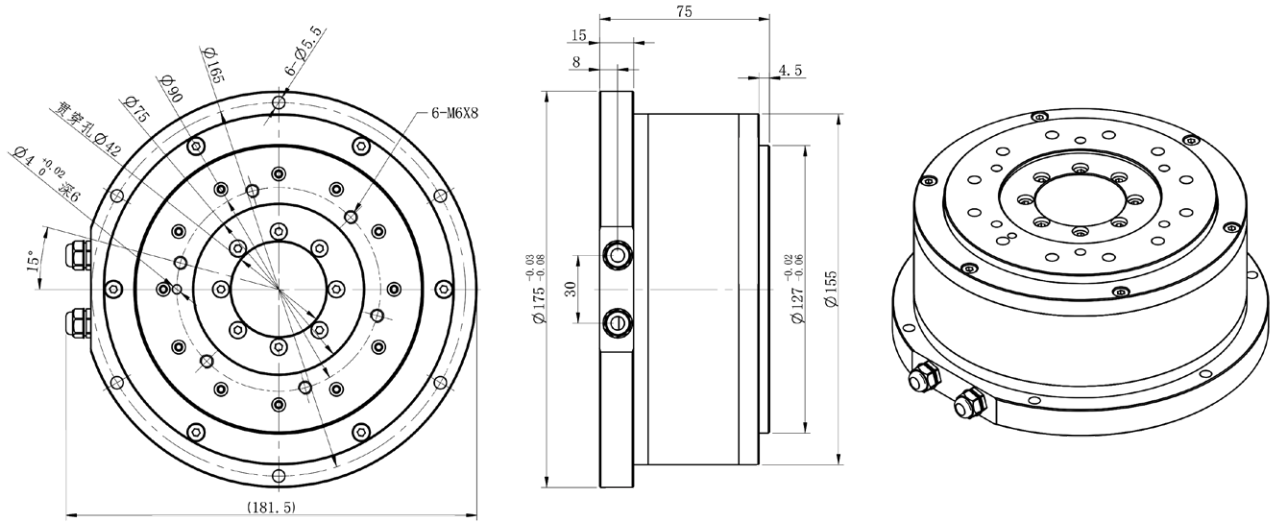
■ GDI-140189-W2



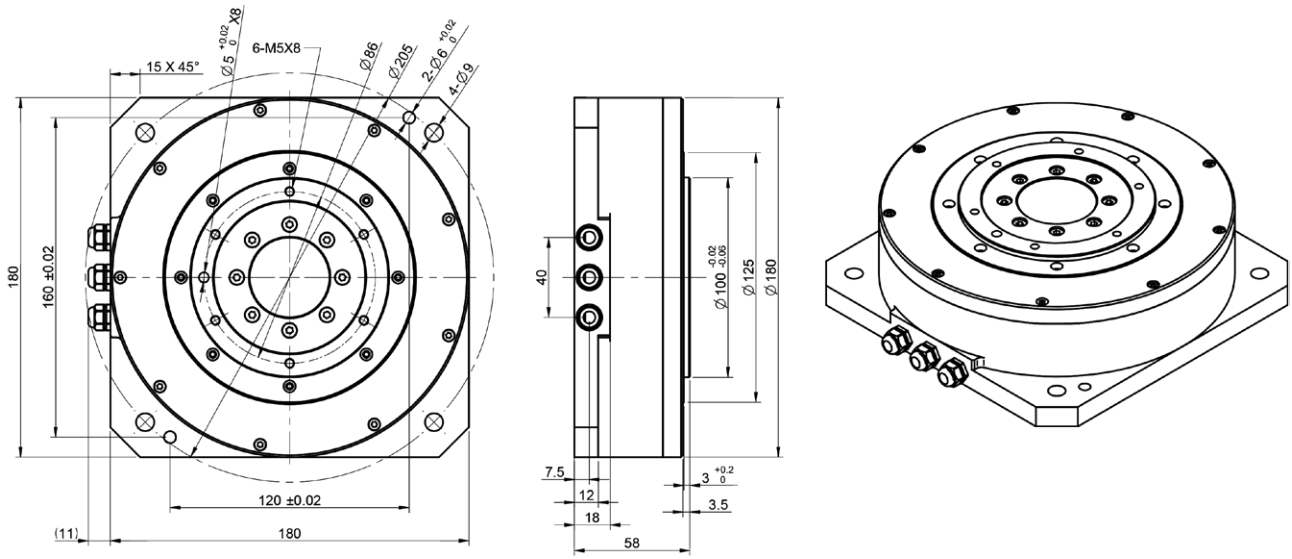
■ GDI-170050-W1



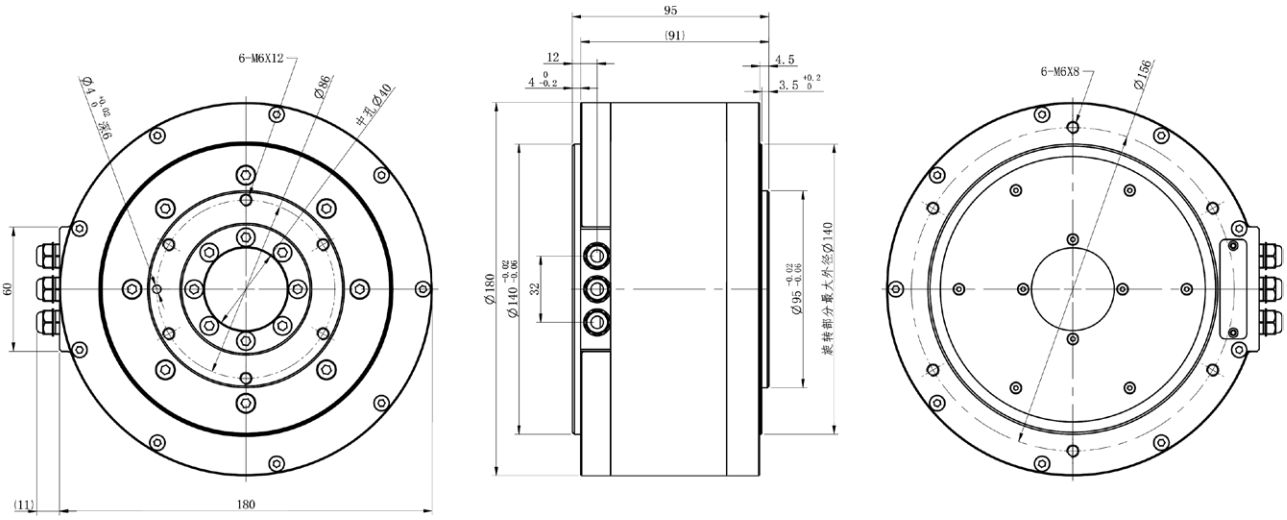
■ GDI-170075-W1



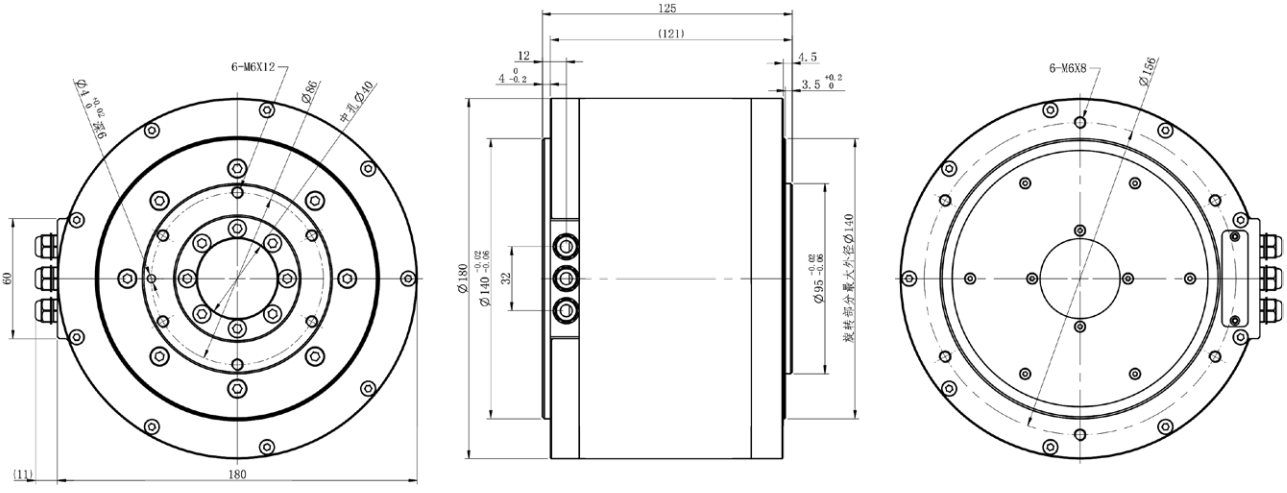
■ GDI-180055-W1



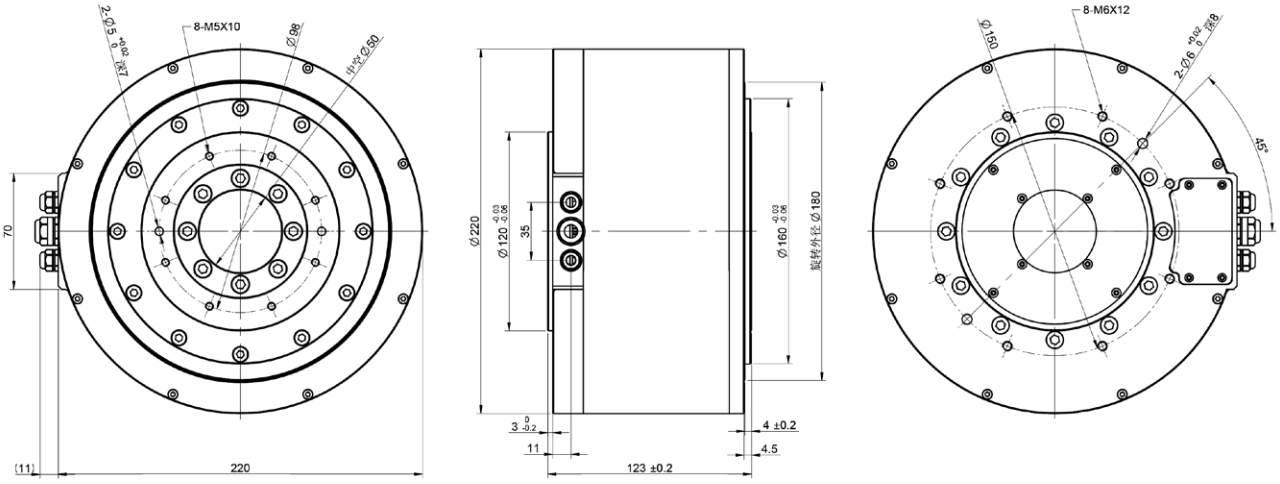
■ GDI-180095-W1



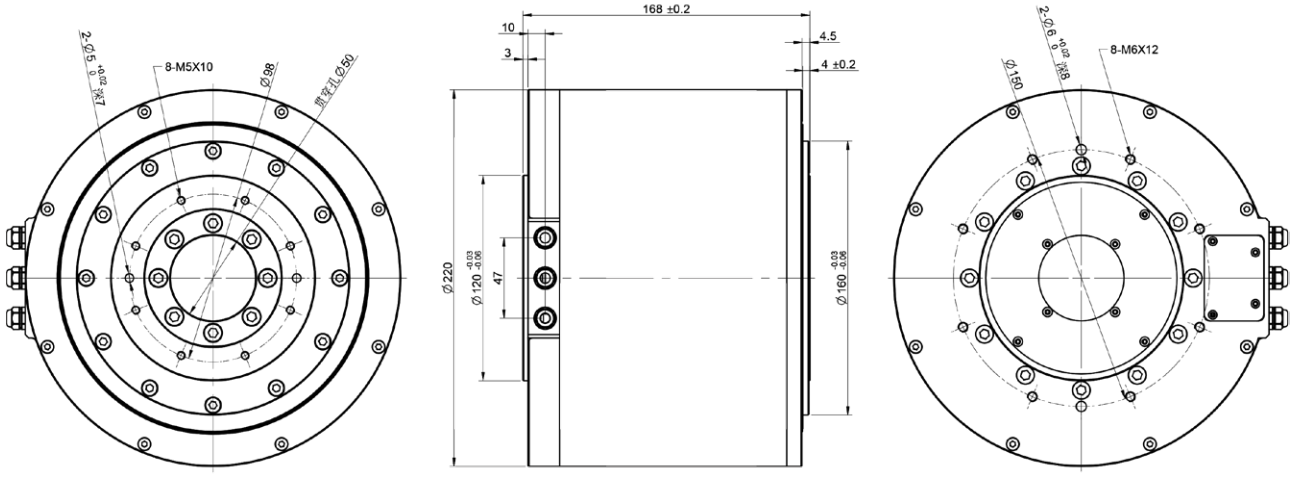
■ GDI-180125-W1



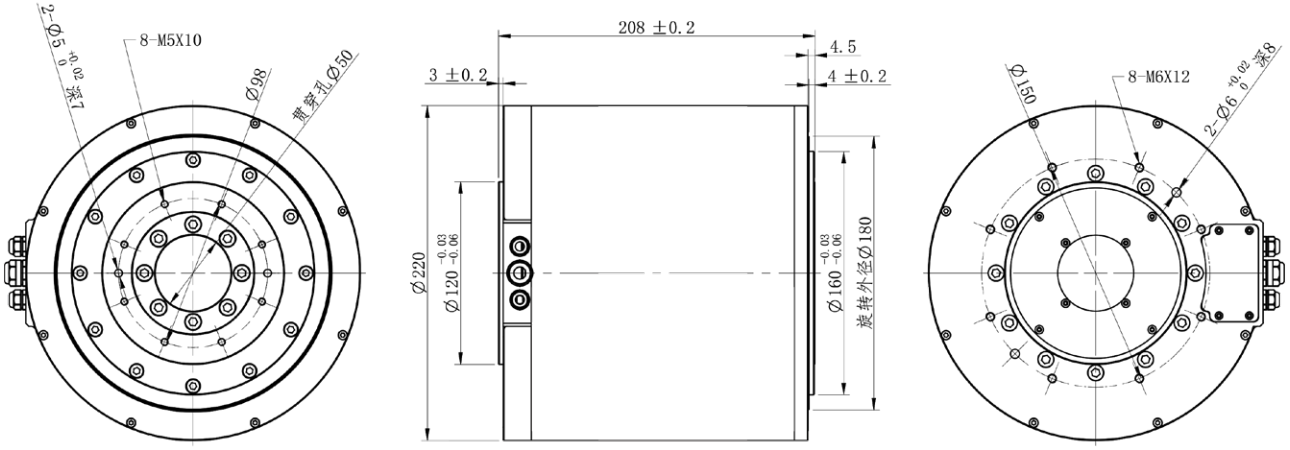
■ GDI-220123-W1



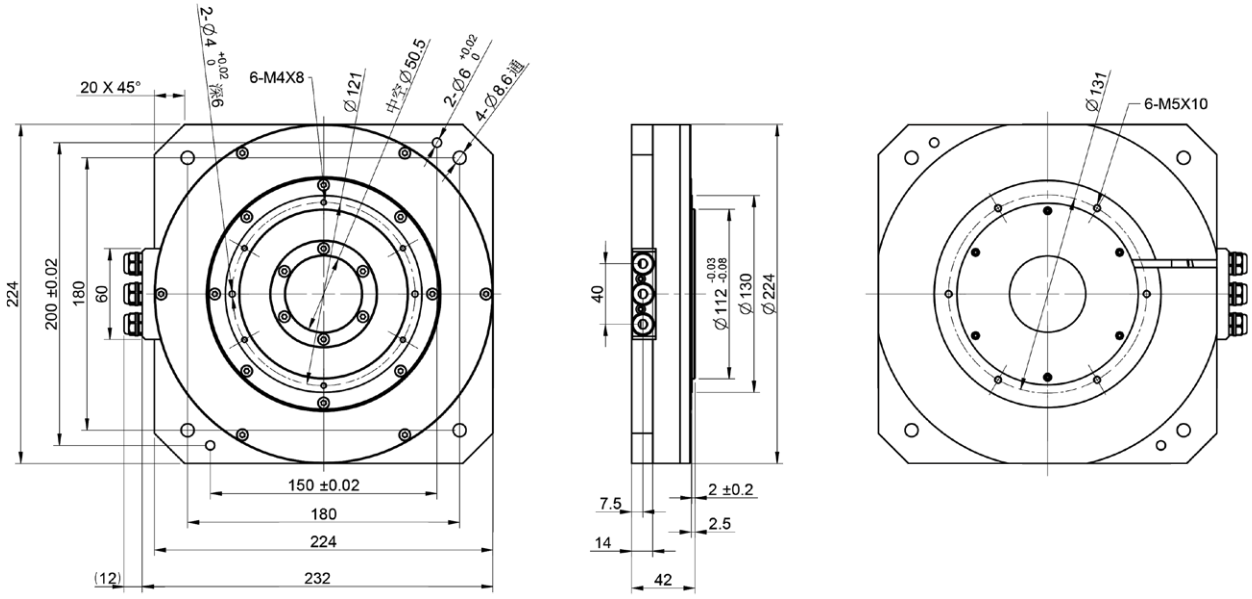
■ GDI-220168-W1



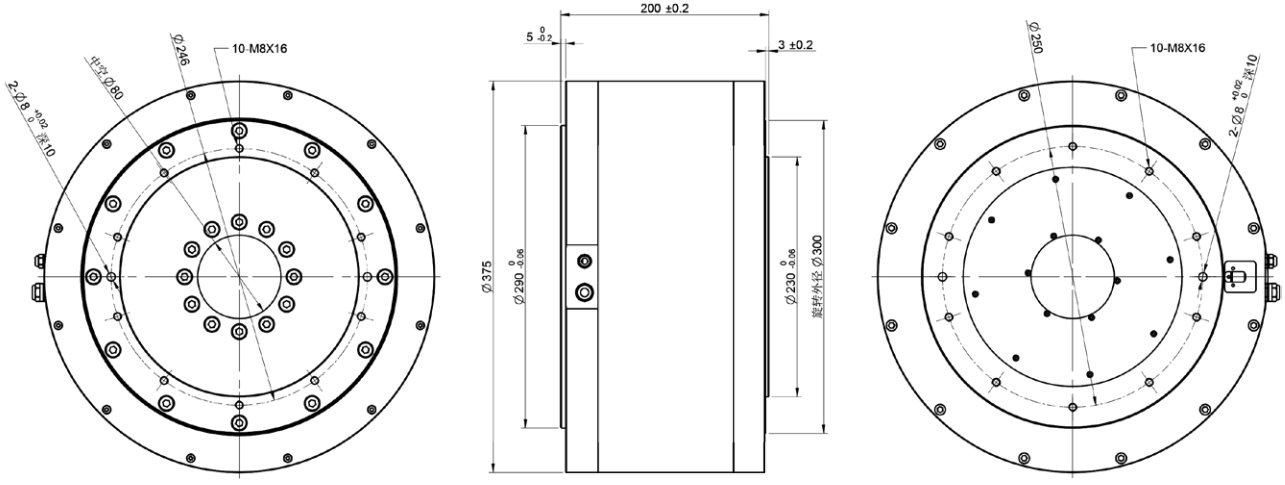
■ GDI-220208-W1



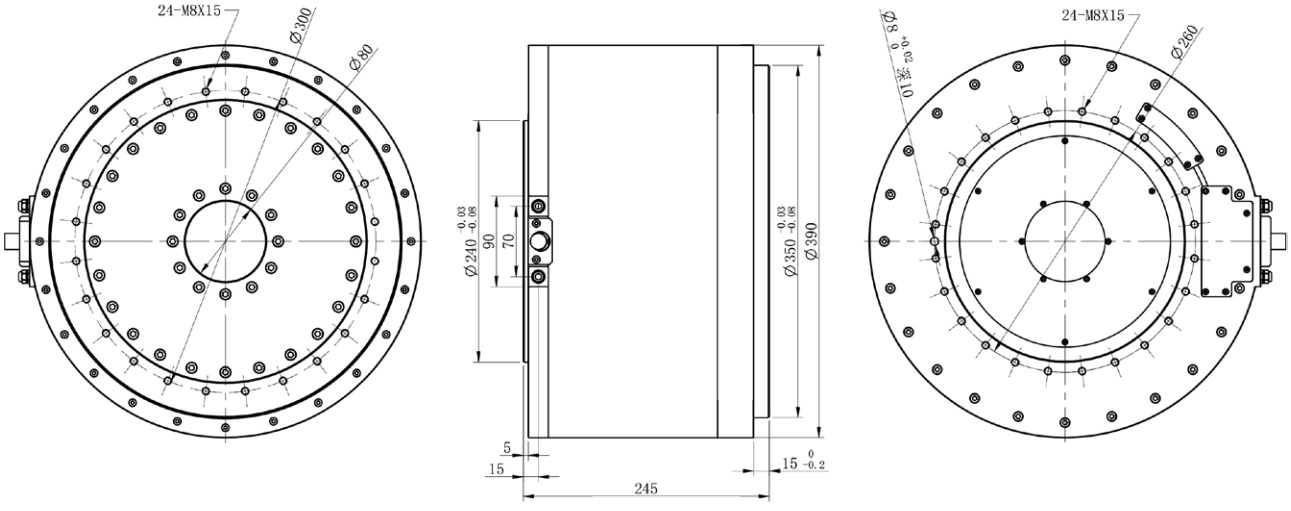
■ GDI-224042-W1



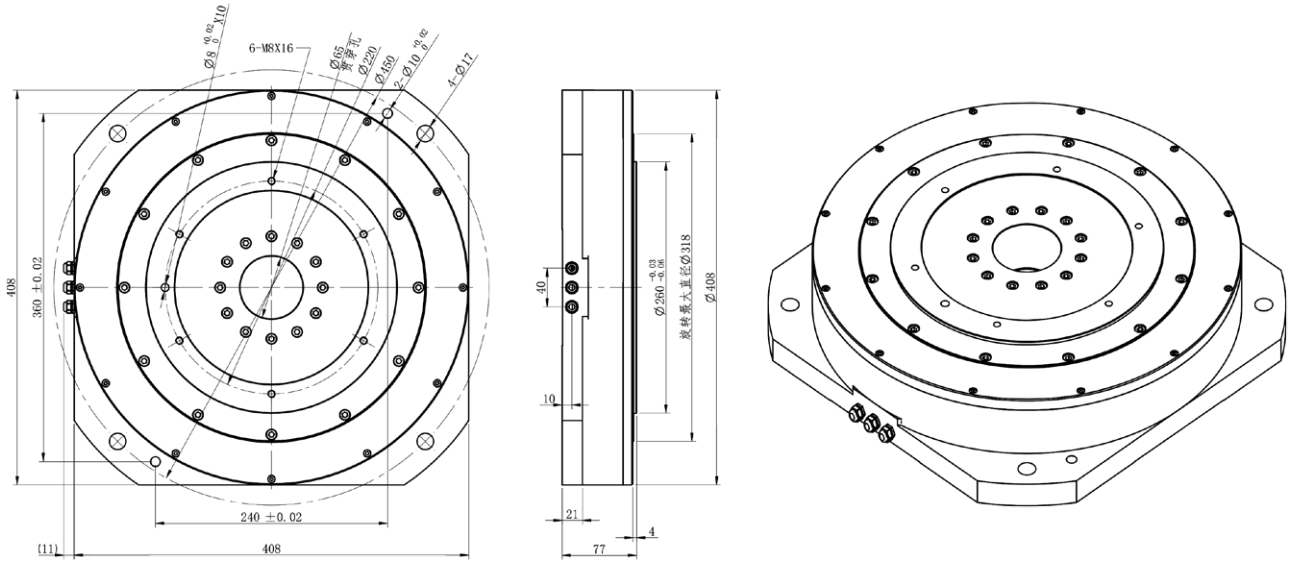
■ GDI-375200-W1



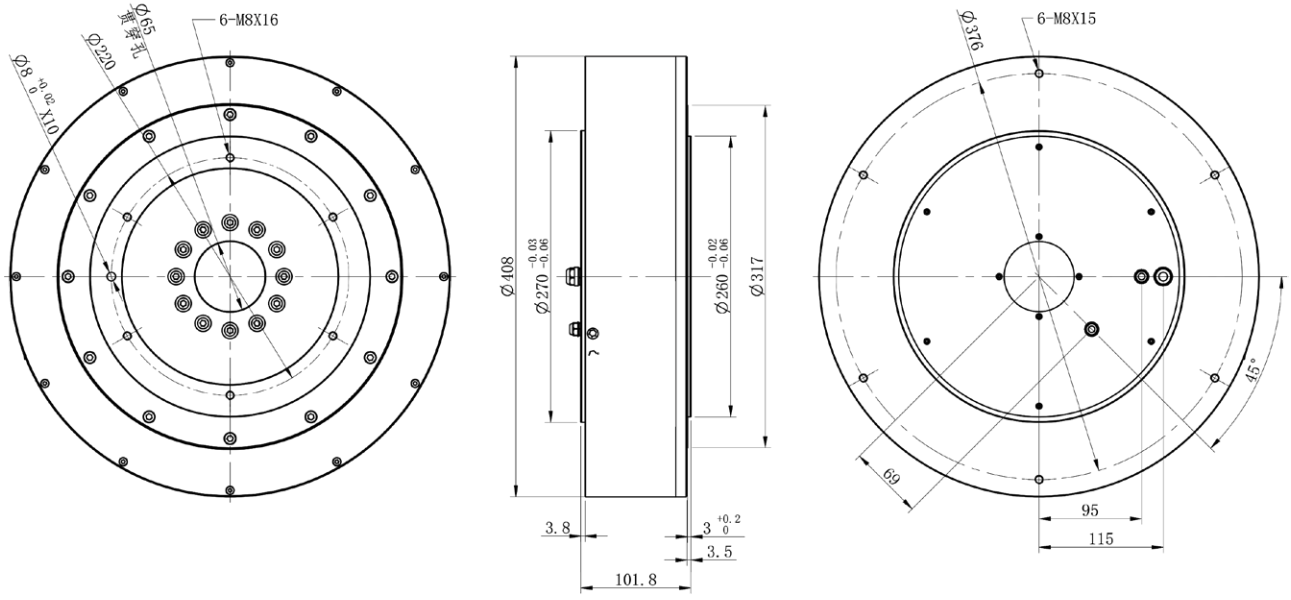
■ GDI-390245-W1



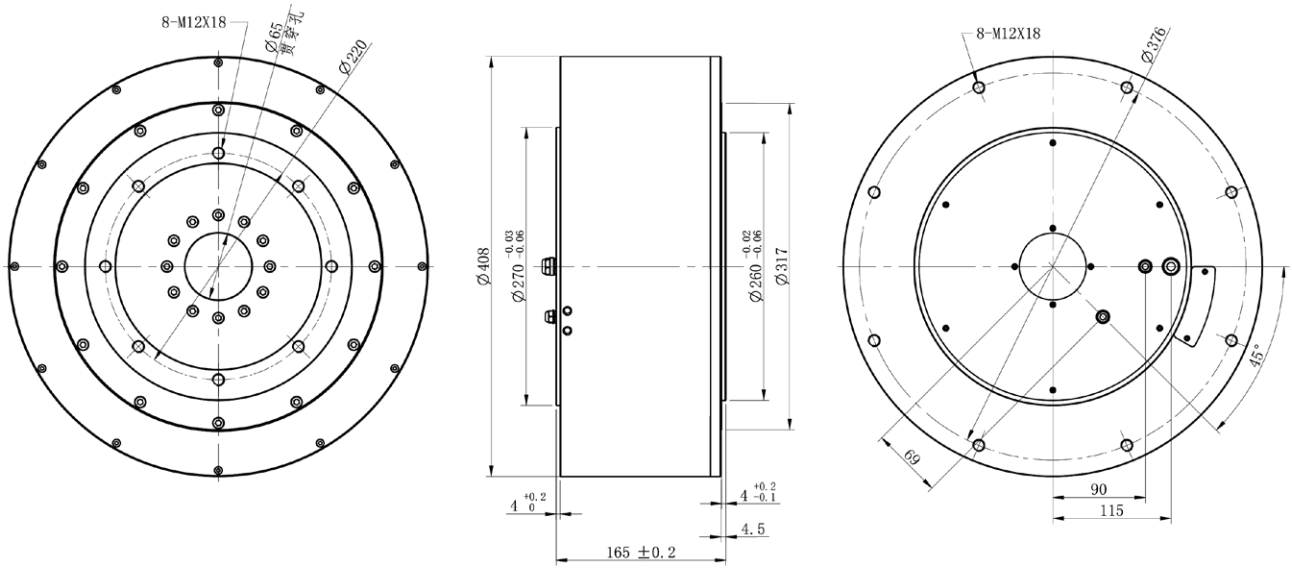
■ GDI-408077-W1



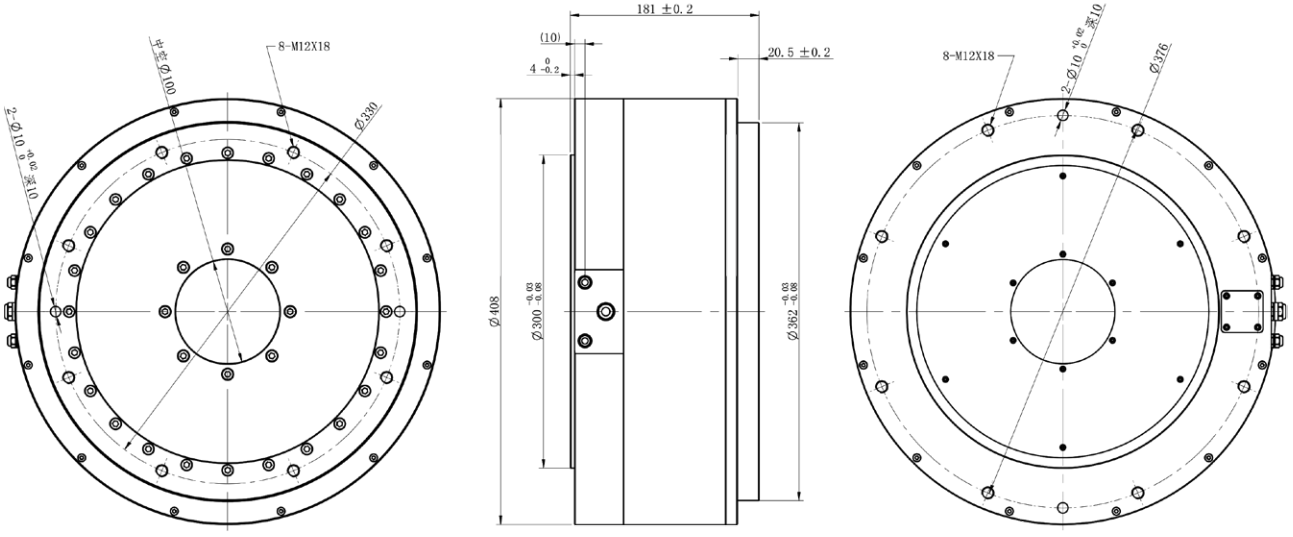
■ GDI-408102-W2



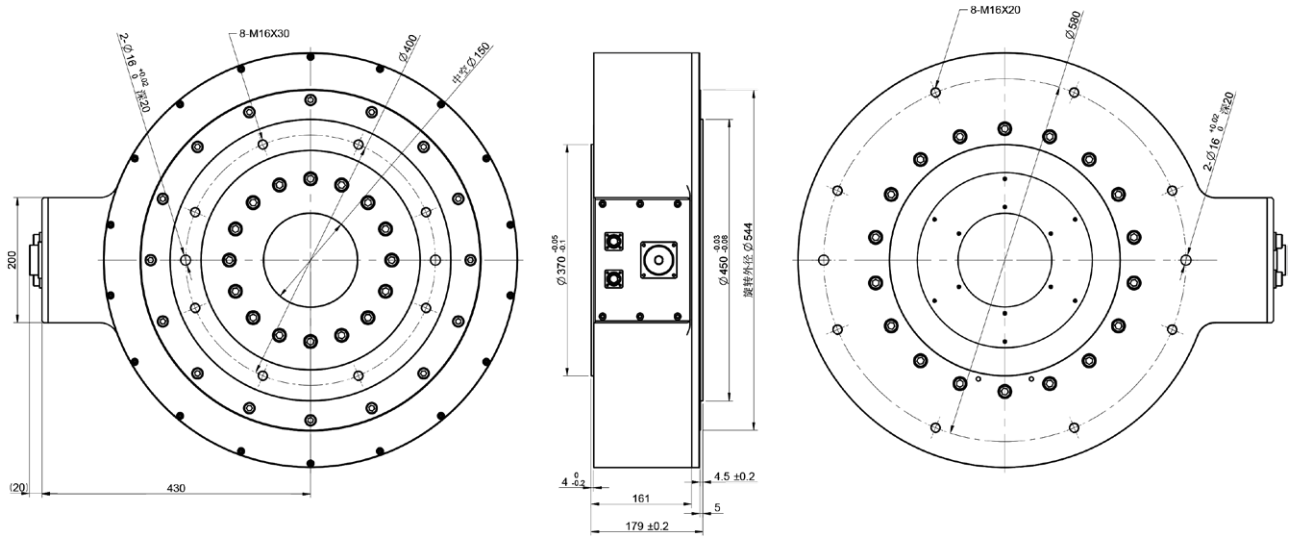
■ GDI-408165-W2



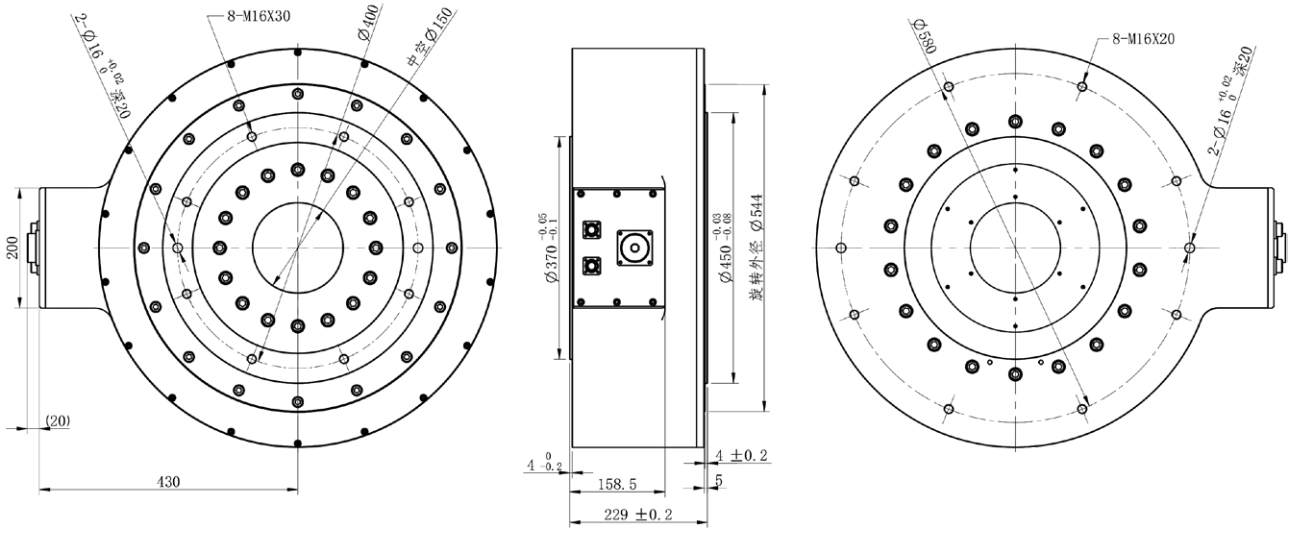
■ GDI-408181-W1



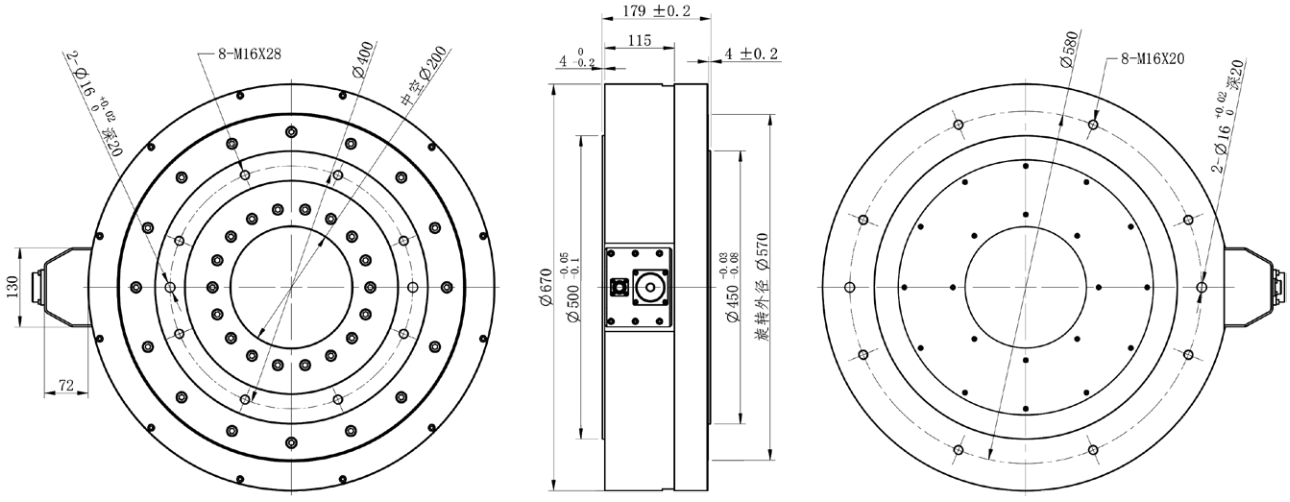
■ GDI-660180-W1



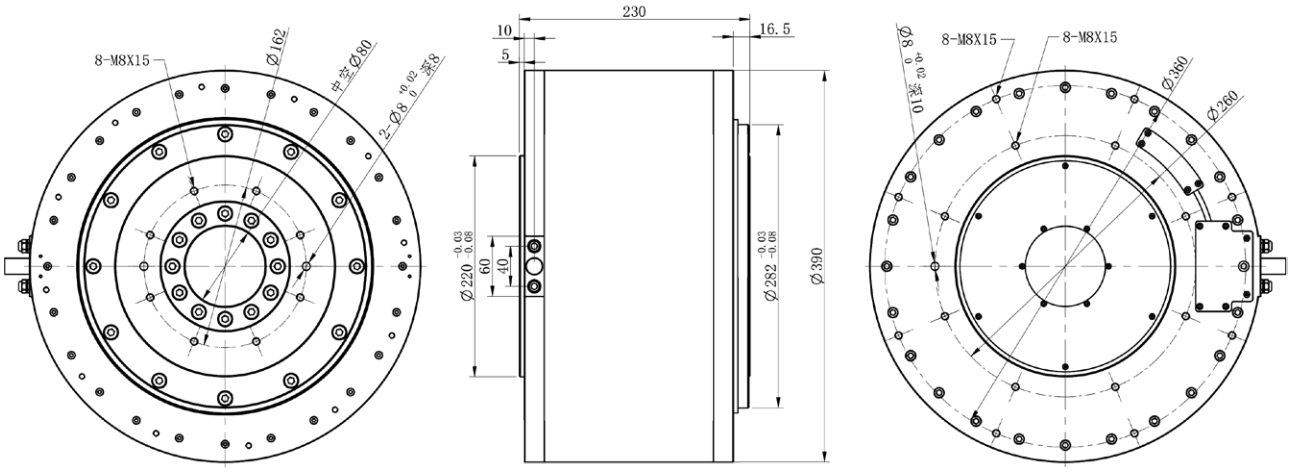
■ GDI-660230-W1



■ GDI-670179-W1-M2



■ GDI-380230-W1-M1-C1



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